Civil Engineering and Development Department

Contract No. ED/2018/04

Trunk Road T2 and Infrastructure Works for Developments at the Former South Apron

Quarterly Environmental Monitoring and Audit Report

(under EP-458/2013/C)

February 2025 - April 2025

(Version 1.0)

Approved By 

(Environmental Team Leader:

Mr. KS Lee)

REMARKS:

The information supplied and contained within this report is, to the best of our knowledge, correct at the time of printing.

CINOTECH accepts no responsibility for changes made to this report by third parties

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RAMBOLL

Ref.: CEDKTDT2EM00_0_0749L.25.doc

16 May 2025

By Post and Email

Hyder-Meinhardt Joint Venture
23/F, Two Harbour Square
180 Wai Yip Street, Kwun Tong
Kowloon, Hong Kong

Attention: Mr. Edwin Ching

Dear Mr. Ching,

Re: Agreement No. EDO 01/2019
Independent Environmental Checker for
Contract No. ED/2018/04 – Trunk Road T2 and Infrastructure Works for Developments at the Former South Apron
(Environmental Permit: EP-458/2013/C)

Quarterly EM&A Summary Report (February 2025 to April 2025)

Reference is made to the Environmental Team's submission of the Quarterly EM&A Summary Report for February 2025 to April 2025 (Version 1.0) certified by the ET Leader and provided to us via email on 16 May 2025.

We are pleased to inform you that we have no adverse comment on the captioned submission.

Thank you for your attention. Please do not hesitate to contact the undersigned should you have any queries.

Yours sincerely,
For and on behalf of
Ramboll Hong Kong Limited

Y H Hui
Independent Environmental Checker

c.c.	CEDD	Attn.:	Mr. Tommy Wong	Fax: 2739 0076
	BTP	Attn.:	Mr. Ivan Chau	By email
	Cinotech	Attn.:	Mr. K. S. Lee	Fax: 3107 1388

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EXECUTIVE SUMMARY

Introduction

1. This is the 20th Quarterly Environmental Monitoring and Audit (EM&A) Report prepared by the Environmental Team (ET), Cinotech Consultants Ltd., for "Trunk Road T2 and Infrastructure Works at the Former South Apron". This report summarized the monitoring results and audits findings of the EM&A programme under the issued Environmental Permit (EP) No. EP-458/2013/C and in accordance with the EM&A Manual (AEIAR-173/2013) during the reporting period from February 2025 to April 2025.

Summary of Main Works Undertaken and Key Measures Implemented

2. The construction activities undertaken in the reporting quarter were as follows:

Contract No.	Project Title	Reporting month	Site Activities
ED/2018/04	Trunk Road T2 and Infrastructure Works for Developments at South Apron	February 2025	• East Ventilation Building RC Structure • East Ventilation Building ABWF • East Ventilation Building E&M works • East Bound – Tunnel excavation
		March 2025	• East Ventilation Building RC Structure • East Ventilation Building ABWF • East Ventilation Building E&M works • East Bound – Tunnel excavation
		April 2025	• East Ventilation Building ABWF • East Ventilation Building E&M works • East Bound – Tunnel excavation
ED/2020/03	Trunk Road T2 - Traffic Control And Surveillance System (TCSS) and Associated Works (1)	February 2025 - April 2025	N/A

(1): No major construction work was undertaken during reporting quarter.

3. Implementation of the key mitigation measures during the reporting period are as follows:

Construction Noise
- Construction activities were scheduled to minimize noise nuisance to the nearby sensitive receiver.
- Use of Quality Powered Mechanical Equipment (QPME) on site.
- Erected the noise barrier on site.

Air Quality
- Regularly watering on site to avoid dust generation.
- Cover cement bags with more than 20 bags per stack.

Water Quality
- Pump out ponding water.

Landscape and Visual
- Tree protection zones were fenced off to protect the existing trees on site.

Environmental Monitoring Works

4. Environmental monitoring for the Project was performed in accordance with the EM&A Manual and the monitoring results were checked and reviewed. Site Inspections/Audits were conducted once per week. The implementation of the environmental mitigation measures, Event Action Plans and environmental complaint handling procedures were also checked.

5. Summary of the non-compliance in the reporting quarter for the Project is tabulated in **Table I**. Details of the environmental monitoring results is presented in **Section 3**.

Table I Non-compliance (Exceedance) Record for the Project in the Reporting Quarter

Parameter	No. of Exceedance		No. of Exceedance due to Construction Activities of this Project		Action Taken
	Action Level	Limit Level	Action Level	Limit Level	
February 2025					
Air Quality	0	0	0	0	N/A
Noise	0	0	0	0	N/A
Marine Water Quality	N/A	N/A	N/A	N/A	N/A
Groundwater Level Monitoring (Piezometer Monitoring)	N/A	N/A	N/A	N/A	N/A
Ecological	N/A	N/A	N/A	N/A	N/A
Cultural Heritage	N/A	N/A	N/A	N/A	N/A
Landfill Gas	N/A	N/A	N/A	0	N/A
March 2025					
Air Quality	0	0	0	0	N/A
Noise	0	0	0	0	N/A
Marine Water Quality	N/A	N/A	N/A	N/A	N/A
Groundwater Level Monitoring (Piezometer Monitoring)	N/A	N/A	N/A	N/A	N/A
Ecological	N/A	N/A	N/A	N/A	N/A
Cultural Heritage	N/A	N/A	N/A	N/A	N/A
Landfill Gas	N/A	N/A	N/A	0	N/A

Parameter	No. of Exceedance		No. of Exceedance due to Construction Activities of this Project		Action Taken
	Action Level	Limit Level	Action Level	Limit Level	
April 2025					
Air Quality	0	0	0	0	N/A
Noise	0	0	0	0	N/A
Marine Water Quality	N/A	N/A	N/A	N/A	N/A
Groundwater Level Monitoring (Piezometer Monitoring)	N/A	N/A	N/A	N/A	N/A
Ecological	N/A	N/A	N/A	N/A	N/A
Cultural Heritage	N/A	N/A	N/A	N/A	N/A
Landfill Gas	N/A	N/A	N/A	0	N/A

Note:
N/A - Not Applicable.

Summary of Complaint, Warning, Notification of Summons and Successful Prosecution

6. Summary of key information in the reporting quarter is tabulated in **Table II**.

Table II Summary Table for Key Information in the Reporting Quarter

Event	Event Details		Action Taken	Status
	Number	Nature		
Complaints Received	0	---	N/A	N/A
Notifications of any summons & prosecutions received	0	---	N/A	N/A

N/A – Not Applicable

7. Environmental monitoring works for the Project are considered effective and is generating data to categorically identify the environmental impacts from the works and influencing factors in the vicinity of monitoring stations.

Reporting Changes in the Reporting Quarter

8. No reporting change in the reporting quarter.

1. INTRODUCTION

Background

1.1 In 2009, Civil Engineering and Development Department (CEDD) commissioned a Kai Tak Development (KTD) – Trunk Road T2 and Infrastructure at South Apron Investigation. The assignment covers the provision of the Trunk Road T2 and its connections with the Central Kowloon Route (CKR) at the north apron area and the Tseung Kwan O – Lam Tin Tunnel (TKOLTT) to the south in the Cha Kwo Ling area.

1.2 The Trunk Road T2 Project is one of the designated Projects under Schedule 2 of the EIAO proposed in the KTD. CEDD submitted the Project Profile (No. PP-379/2009) on 24 March 2009 for application for an EIA study brief for the Trunk Road T2 Project under the EIAO. Accordingly, an EIA Study Brief (ESB-203/2009) for the Trunk Road T2 Project was issued on 30 April 2009. The Environmental Impact Assessment (EIA) Report for the Trunk Road T2 Project was approved under the Environmental Impact Assessment Ordinance (EIAO) on 19 September 2013. The corresponding Environmental Permit (EP) was issued on 19 September 2013 (EP no.: EP-451/2013).

1.3 The Contract No. ED/2018/04 is the main contract of Trunk Road T2 ("T2 Main Works") which comprises mainly the design and construction of a dual two-lane trunk road of approximately 3.0km long with about 2.7km of the trunk road in form of tunnel; ventilation and administration buildings, environmental protection and mitigation works and etc. The EM&A programme under this Contract is governed by the two EPs (EP-451/2013 and EP-458/2013/C) and two EM&A Manuals (AEIAR-174/2013 and AEIAR-173/2013). The work areas of the T2 Main Works are shown in **Figure 1** and the works to be executed under this Contract and corresponding EPs are summarized as follows:

Environmental Permit	**Works Description**
EP-451/2013 – Trunk Road T2	*Trunk Road T2* • Construction of highway and sub-sea tunnel connecting between Central Kowloon Route and Cha Kwo Ling Tunnel • Western & Eastern Ventilation Buildings
EP-458/2013/C – Tseung Kwan O – Lam Tin Tunnel (TKOLTT) and Associated Works	*Cha Kwo Ling Tunnel* Construction of Cha Kwo Ling Tunnel from the end of Trunk Road T2 to the TKOLTT at the Eastern Ventilation Building

Monitoring Works in Lam Tin under EP-458/2013/C

1.4 Under Agreement No. CE 59/2015 (EP) – Tseung Kwan O – Lam Tin Tunnel (TKOLLT) and Associated Works, the baseline monitoring works in Lam Tin under the EM&A Manual (AEIAR-173/2013) were conducted by the Environmental Team (ET) for the Agreement No. CE 59/2015 (EP) at the approved monitoring locations, namely AM1, AM2, AM3, AM4, AM4 (A) CM1, CM2, CM3, CM4 and CM5. Impact monitoring within the Lam Tin area shall be conducted by the ET of Contract No. ED/2018/04 upon cessation of Agreement No. CE 59/2015 (EP). The data obtained from the impact monitoring works completed by the ET of Agreement No. CE 59/2015 (EP) will be adopted in this report

1.5 Cinotech Consultants Ltd. was designated as the Environmental Team (ET) to undertake the EM&A works for "Trunk Road T2 and Infrastructure Works for Developments at the Former South Apron" (hereinafter called the "Project").

Purpose of the Report

1.6 This is the 20th Quarterly EM&A Summary Report summarizing the EM&A works for the Project in between February 2025 to April 2025.

Project Organizations

1.7 Different parties with different levels of involvement in the project organization include:

- Permit Holder – Civil Engineering and Development Department (CEDD)
- Supervisor Representative – Hyder-Meinhardt Joint Venture (HMJV)
- Environmental Team (ET) – Cinotech Consultants Limited (Cinotech)
- Independent Environmental Checker (IEC) – Ramboll Hong Kong Limited (Ramboll)
- Contractor – Bouygues Travaux Publics (BTP)

1.8 The key contacts of the Project are shown in **Table 1.1**.

Table 1.1 Key Project Contacts

Party	Role	Contact Person	Phone No.
CEDD	Permit Holder	Mr. Wong Chi Wai, Tommy	3842 7111
HMJV	Supervisor Representative	Ms. Hazel Tang	2149 8524
Cinotech	Environmental Team	Mr. KS Lee (ETL)	2151 2091
		Ms. Karina Chan	2157 3880
Ramboll	Independent Environmental Checker	Mr. YH Hui	3465 2850
BTP	Contractor (ED/2018/04)	Mr. Roy Leung	6628 2685
GTECH	Contractor (ED/2020/03)	Mr. Deacon Choi	6038 3568

1.9 The Organizational Structure for Environmental Management is shown in **Figure 1.2**.

Construction Activities undertaken during the Report Quarter

1.10 The major site activities undertaken in the reporting quarter are shown as follow:

Contract No.	Project Title	Reporting month	Site Activities
ED/2018/04	Trunk Road T2 and Infrastructure Works for Developments at South Apron	February 2025	• East Ventilation Building RC Structure • East Ventilation Building ABWF • East Ventilation Building E&M works • East Bound – Tunnel excavation
		March 2025	• East Ventilation Building RC Structure • East Ventilation Building ABWF • East Ventilation Building E&M works • East Bound – Tunnel excavation
		April 2025	• East Ventilation Building ABWF • East Ventilation Building E&M works • East Bound – Tunnel excavation
ED/2020/03	Trunk Road T2 - Traffic Control And Surveillance System (TCSS) and Associated Works (1)	February 2025 - April 2025	N/A

(1): No major construction work was undertaken during reporting quarter.

2. ENVIRONMENTAL MONITORING AND AUDIT REQUIREMENTS

Monitoring Parameters and Monitoring Locations

2.1 The EM&A Manual designates locations for environmental monitoring in terms of air quality, noise, and landfill gas due to the Project. The Project area and monitoring locations are depicted in **Figures 2**. **Appendix A** gives details of monitoring requirements.

Monitoring Methodology and Calibration Details

2.2 Monitoring works/equipment were conducted/calibrated regularly in accordance with the EM&A Manual. Copies of calibration certificates are attached in the appendices of the corresponding Monthly EM&A Reports.

Environmental Quality Performance Limits (Action and Limit Levels)

2.3 The environmental quality performance limits, i.e. Action and Limit Levels were derived from the baseline monitoring results. Should the measured environmental quality parameters exceed the Action/Limit Levels, the respective action plans would be implemented. The Action/Limit Levels for each environmental parameter are given in **Appendix B**.

2.4 Should the monitoring results of the environmental monitoring parameters at any designated monitoring stations indicate that the Action / Limit Levels are exceeded, the actions in accordance with the Event and Action Plans in **Appendix K** was carried out.

Implementation Status of Environmental Mitigation Measures

2.5 Relevant mitigation measures as recommended in the project EIA report have been stipulated in the EM&A Manual for implementation by the Contractor. The implementation status of environmental mitigation measures (EMIS) is given in **Appendix G**.

Site Audit Summary

2.6 During site inspections in the reporting period, no non-compliances was recorded. The observations and recommendations made during the reporting period are summarized in **Appendix F**.

Status of Waste Management

2.7 The amount of wastes generated by the construction activities during the reporting period is shown in **Appendix H**.

3. MONITORING RESULTS

Weather Conditions

3.1 The weather during monitoring sessions was summarized in **Table 3.1**.

Table 3.1 Summary of Weather Conditions in the Reporting Period

Reporting Month	General Weather Conditions
February 2025	Sunny, Cloudy, Fine
March 2025	Sunny, Cloudy, Fine
April 2025	Sunny, Cloudy, Fine

3.2 The detail of weather conditions for each individual monitoring session was presented in the corresponding monthly EM&A report.

Air Quality

3.3 All 1-hour TSP monitoring was conducted as scheduled in the reporting quarter. No Action/Limit Level exceedance was recorded.

3.4 All 24-hour TSP monitoring was conducted as scheduled in the reporting quarter No Action/Limit Level exceedance was recorded in the reporting quarter.

3.5 The graphical presentations of the air quality monitoring results are shown in **Appendix C**.

Construction Noise

3.6 All noise monitoring was conducted as scheduled in the reporting month. No Action Level exceedance was recorded in this reporting quarter and no Limit Level exceedance was recorded in this reporting quarter. The graphical presentations of the noise monitoring results are shown in **Appendix D**.

Water Quality

Groundwater Quality

3.7 The existing groundwater quality monitoring programme has been suspended as the monitoring results had been deemed non-representative of the impact from the project justified by two major factors: (1) influence on the monitoring results from non-project related factors, such as anthropogenic activities and natural phenomenon; and (2) large separation between the monitoring stations and works area. In addition, as no alternative locations for the groundwater quality monitoring were available, the groundwater quality monitoring has been suspended since October 2019 upon the agreement by EPD.

Marine Water Quality

3.8 According to Section 4.4.3 of EM&A Manual (AEIAR-173/2013), marine water quality impact monitoring stations is carried out during marine construction for TKOLTT reclamation. Since the construction of Cha Kwo Ling Tunnel from the end of Trunk Road T2 to the TKOLTT at the Eastern Ventilation Building does not involve reclamation, the marine water quality monitoring programme stated in Section 4.4 of the EM&A Manual (AEIAR-173/2013) is therefore not applicable to Contract No. ED/2018/04.

Groundwater Level Monitoring (Piezometer Monitoring)

3.9 According to Section 4.1.2 of EM&A Manual (AEIAR-173/2013), daily piezometer monitoring will be carried out on a daily basis when any tunnel construction activities are carried out within +/- 50m of the piezometer gate in plan. As the construction works of Cha Kwo Ling Tunnel from the end of Trunk Road T2 to the TKOLTT at the Eastern Ventilation Building is approximately 120m away from the piezometer gate in plan, the piezometer monitoring programme stated in Section 4.2 of the EM&A Manual (AEIAR-173/2013) is therefore not applicable to Contract No. ED/2018/04

Ecological Monitoring

3.10 Post-translocation monitoring survey is recommended in Section 6.2.5 of the EM&A Manual (AEIAR-173/2013), to audit the success of coral translocation. Since the construction of Cha Kwo Ling Tunnel from the end of Trunk Road T2 to the TKOLTT at the Eastern Ventilation Building does not involve any marine works in the concerned area mentioned in Section 6.1.2 of the EM&A Manual (AEIAR-173/2013), the post-translocation monitoring survey stated in Section 6.2.5 of the EM&A Manual (AEIAR-173/2013) is therefore not applicable to Contract No. ED/2018/04.

Monitoring on Cultural Heritage

3.11 As the construction works of Cha Kwo Ling Tunnel from the end of Trunk Road T2 to the TKOLTT at the Eastern Ventilation Building are located more than 100m away from the Cha Kwo Ling Tin Hau temple, the vibration impact monitoring stated in Section 8.3.1 of the EM&A Manual (AEIAR-173/2013) is not applicable to Contract No. ED/2018/04.

Landscape and Visual Monitoring and Audit

3.12 The implementation of landscape and visual mitigation measures was checked during the environmental site inspections. Recommended follow-up actions have been discharged by the Contractor. Details of the audit findings and implementation status are presented in **Appendix F**.

Landfill Gas Monitoring

3.13 Since no excavation activity for this Project was carried out within the Sai Tso Wan Landfill Consultation Zone in this reporting quarter, therefore, no landfill gas monitoring was required.

Waste Management

3.14 Site audits were carried out on a weekly basis to monitor and ensures that proper storage, transportation and disposal practices of wastes generated from this Project include inert construction and demolition (C&D) materials, non-inert C&D materials. Details of waste management data is presented in **Appendix H**.

Fisheries

3.15 According to Section 7.1.3 of EM&A Manual (AEIAR-173/2013), no specific fisheries monitoring programme is required during the construction phase.

Influencing Factors on the Monitoring Results

3.16 During the reporting period, the major dust and noise source identified at the designated monitoring stations are as follows:

Table 3.2 Major Dust Sources during the Monitoring in the Reporting Period

Station	Major Dust Source
AM1 – Tin Hau Temple	Road Traffic at Cha Kwo Ling Road
AM2 – Sai Tso Wan Recreation Ground	Road Traffic along Sin Fat Road
AM3 – Yau Lai Estate Bik Lai House	Road Traffic near Eastern Cross Harbour Tunnel Toll Plaza
AM4 - Sitting-out Area at Cha Kwo Ling Village	Road Traffic at Cha Kwo Ling Road
AM4(B) - Cha Kwo Ling Public Cargo Working Area Administrative Office *	Road Traffic at Cha Kwo Ling Road

*: AM4(A) is not available for conducing monitoring due to the demolition of administrative office, the relocation of monitoring station from AM4(A) to AM4(B) has been approved by EPD on 11 July 2022.

Table 3.3 Major Noise Sources during the Monitoring in the Reporting Period

Monitoring Stations	Locations	Major Noise Source
CM1	Nga Lai House, Yau Lai Estate Phase 1, Yau Tong	Road Traffic near Eastern Cross Harbour Tunnel Toll Plaza
CM2	Bik Lai House, Yau Lai Estate Phase 1, Yau Tong	Road Traffic near Eastern Cross Harbour Tunnel Toll Plaza
CM3	Block S, Yau Lai Estate Phase 5, Yau Tong	Road Traffic near Eastern Cross Harbour Tunnel Toll Plaza
CM4	Tin Hau Temple, Cha Kwo Ling	Road Traffic at Cha Kwo Ling Road
CM5	CCC Kei Faat Primary School, Yau Tong	Road Traffic near Eastern Cross Harbour Tunnel Toll Plaza

4. NON-COMPLIANCE (EXCEEDANCES) OF THE ENVIRONMENTAL QUALITY PERFORMANCE LIMITS (ACTION AND LIMIT LEVELS)

Summary of Exceedances

4.1 Environmental monitoring works were performed in the reporting period and all monitoring results were checked and reviewed. A summary of exceedances is attached in **Appendix I**.

Air Quality

4.2 No Action Level exceedance was recorded in the reporting quarter. No Limit Level exceedance was recorded in the reporting quarter

Construction Noise

4.3 No Action Level exceedance was recorded due to the documented complaint in the reporting quarter.

4.4 No Limit Level exceedance for construction noise monitoring was recorded in the reporting quarter.

Review of the Reasons for and the Implications of Non-compliance

4.5 During site audits in the reporting quarter, no non-compliance was recorded. Recommendations made in each individual site audit session were attached in the **Appendix F**.

Landscape and Visual

4.6 No non-compliance of the landscape and visual impact was recorded in the reporting quarter.

Summary of Environmental Complaints and Prosecutions

4.7 No environmental complaint on this Project was received in the reporting quarter.

4.8 No environmental warning, prosecution and notification of summons were received in the reporting quarter.

5. COMMENTS, CONCLUSIONS AND RECOMMENDATIONS

Review of Monitoring Methodology and the Practicality and Effectiveness of EM&A Programme

5.1 The EM&A methodology has been effective in monitoring the environmental impacts of the Project and the effectiveness of the mitigation measures. The data collected were useful in determining whether the Project had caused unacceptable impacts on the sensitive receivers. Analysis of all EM&A data collected throughout the baseline and the impact periods demonstrated the environmental acceptability of the Project

Effectiveness of Mitigation Measures

5.2 The mitigation measures recommended in the EIA report are considered effective in minimizing environmental impacts.

5.3 The Contractor has implemented the recommended mitigation measures except those mitigation measures not applicable at this stage.

5.4 Environmental monitoring works were performed in the reporting quarter and all monitoring results were checked and reviewed.

5.5 The summary record of non-compliance (exceedances) of Action/Limit Level for environmental monitoring in the reporting quarter has been presented in **Table I** above and in **Appendix I**.

5.6 No environmental complaint was received in the reporting quarter. The details were attached in the **Appendix J**.

5.7 No warning, notification of summon and environmental prosecution was received in the reporting quarter. The details were attached in the **Appendix J**.

Recommendations

5.8 Joint weekly site audits by the representatives of the Engineer, Contractor and the ET were conducted in the reporting quarter. The following recommendations was made to the Contractor for the coming reporting month:

Air quality:

- 3-sides barriers should be provided when conducting the cement mixing.
- The valid NRMM label should be displayed on the PMEs.
- Cover cement bags with more than 20 bags per stack.

Noise:

- The noise barriers should be erected properly in the construction site.

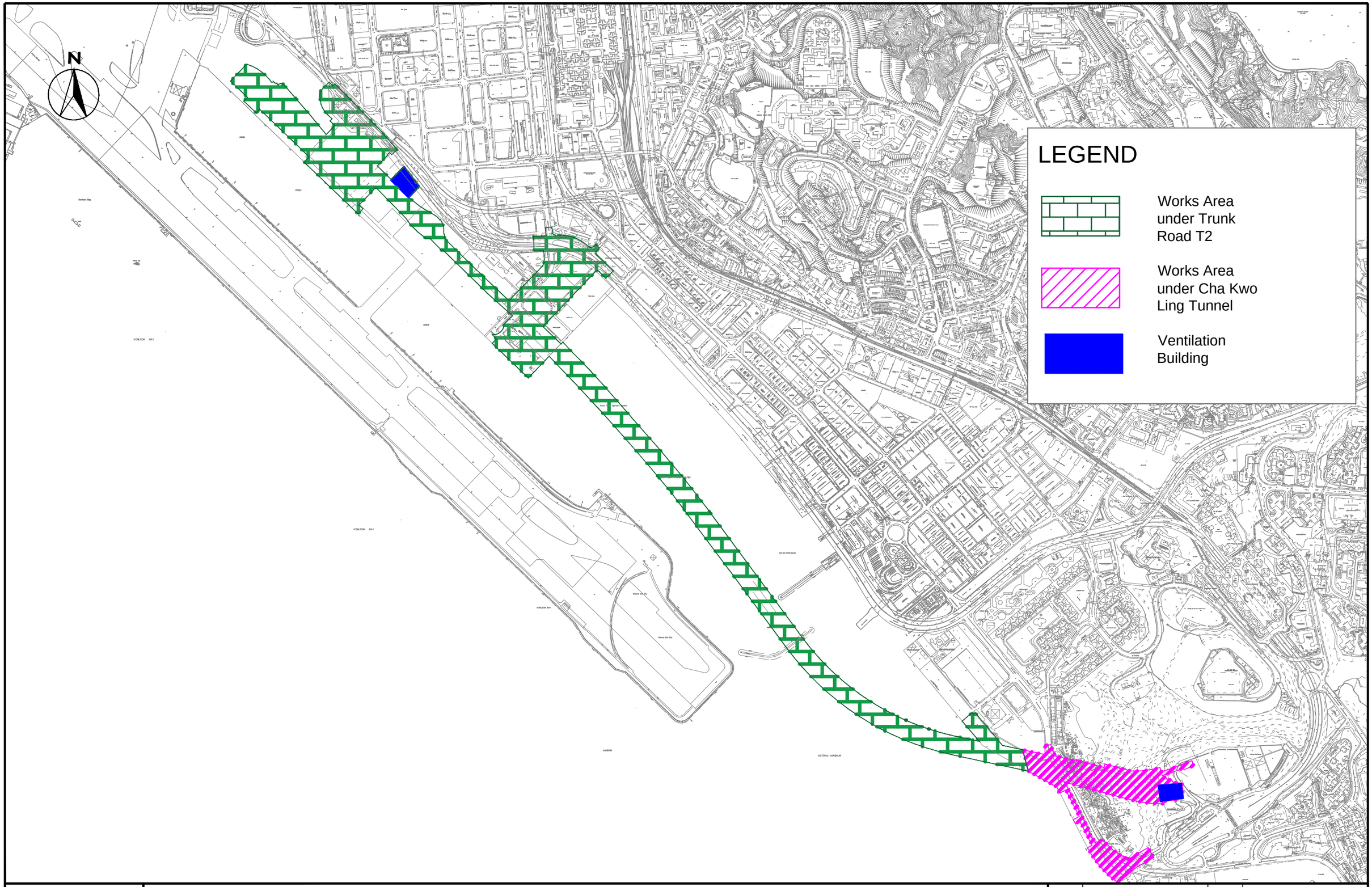
Water quality:

- The stagnant water should be removed regularly and avoid water ponding.

Waste / Chemical Management

- The drip tray should be provided for the chemical container to avoid the chemical leakage.
- The machinery should be checked and maintenance regularly to prevent the oil leakage.
- The site and surrounding should be kept tidy and litter free, remove the waste regularly.

FIGURES

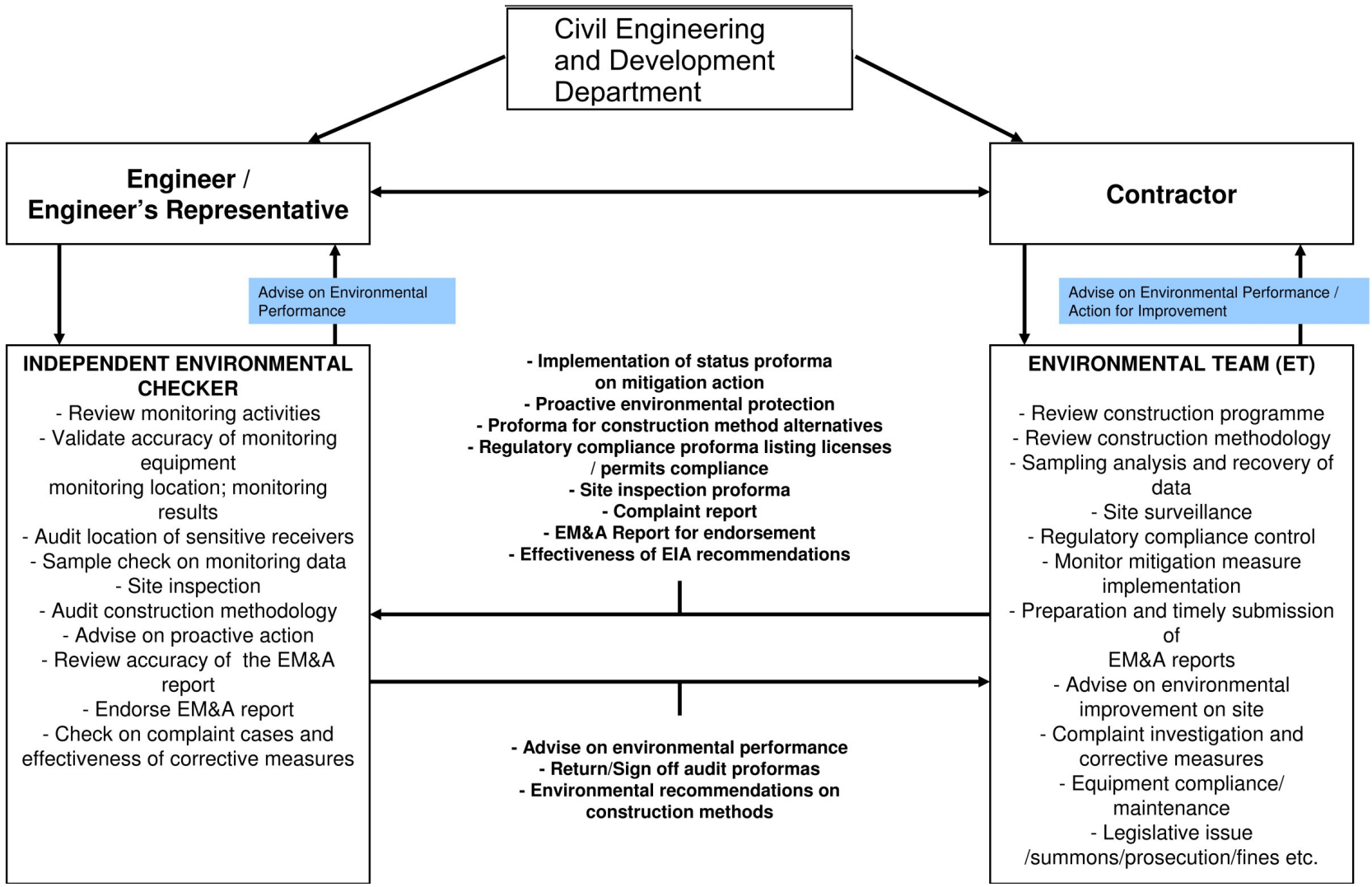


CINOTECH
Cinotech Consultants Limited

Contract No. ED/2018/04 - Trunk Road T2 and Infrastructure Works for Developments at the Former South Apron

Site Layout Plan

SCALE	1:10000@A3	DATE	March 20
CHECK	KC	DRAWN	TL
JOB No.	MA20003	FIGURE No. Fig 1	REV -



Rev.	Description	Date

Drawing title

PROJECT ORGANISATION AND LINES OF COMMUNICATION

Original Size A3

Scale N.T.S

Date 18/JAN/2013

File name

Drawing No. FIGURE 1.2

Rev. –

PLOT DRV: K:\91164 Trunk Road T2\Cad Admin\A3_colour.plt
PRINTED BY: kitchan 1/17/2013 11:33:36 AM

CAD FILE : K:\91164 Trunk Road T2\Report\Draft EIA Report\Figure 6.1.dgn

N

AM2

Eastern Ventilation Building

CM1

CM2/
AM3
(Wind Data)

CKL1

AM4(B)

CKL2

CM4
/AM1

CM5

CM3

VICTORIA HARBOUR

KWUN TONG TSAI WAN
(YAU TONG BAY)

LEGEND

- Works Area under EP-451/2013
- Works Area under EP-458/2013/C
- Eastern Ventilation Building
- Monitoring Station under EP-458/2013/C TKOLTT
- Monitoring Station under EP-451/2013

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Contract No. ED/2018/04 - Trunk Road T2 and Infrastructure Works for Developments at the Former South Apron

Monitoring Station at Lam Tin

SCALE	1:4000@A3	DATE	Jul 22
CHECK	KC	DRAWN	TL
JOB No.	MA20003	FIGURE No.	Fig 2b
		REV	-

APPENDIX A
MONITORING REQUIREMENTS

Appendix A - Environmental Impact Monitoring Requirements

Table I – Air Quality Monitoring

Type of Monitoring	Parameter	Frequency	Location	Measurement Conditions
Air Quality	1 hour TSP	Three times / 6 days	• AM1 – Tin Hau Temple • AM2 – Sai Tso Wan Recreation Ground • AM3 – Yau Lai Estate Bik Lai House • AM4[(1)] – Sitting-out Area at Cha Kwo Ling Village • AM4(B)[(2)(*)(**)] – Flat 103 Cha Kwo Ling Village	• AM1 – Ground Level • AM2 – Ground Level • AM3 – Rooftop (41/F) • AM4[(1)] – Ground Level • AM4(B)[(2)(**)] – Ground Level
	24 hour TSP	Once / 6 days		

Remarks: (1) For 1-hour TSP monitoring; (2) For 24-hour TSP monitoring

(*) Air quality monitoring at designated station AM4(24-hr TSP) was rejected by the premise owners. Therefore, baseline and impact air quality monitoring works were carried out at alternative air quality monitoring stations AM4(A) (24-hr TSP only).

(**)AM4(A) is not available for conducing monitoring due to the demolition of administrative office. EPD had been approved the relocation of monitoring station from AM4(A) to AM4(B). Detail refer to E.S.8 of this report.

Table II – Noise Monitoring

Type of Monitoring	Parameter	Frequency	Location	Measurement Conditions
Construction Noise	L_{eq}, L_{90} & L_{10} at 30 minute intervals during 0700 to 1900 on normal weekdays	Once per week	• CM1 – Nga Lai House, Yau Lai Estate Phase 1, Yau Tong • CM2 – Bik Lai House, Yau Lai Estate Phase 1, Yau Tong • CM3 – Block S, Yau Lai Estate Phase 5, Yau Tong • CM4 – Tin Hau Temple, Cha Kwo Ling • CM5 – CCC Kei Faat Primary School, Yau Tong	• CM1 – Rooftop (41/F) • CM2 – Rooftop (41/F) • CM3 – Rooftop (40/F) • CM4 – Ground Level • CM5 – Rooftop (6/F)

Table III –Landfill Gas Monitoring

Type of Monitoring	Parameter	Frequency	Location
Landfill Gas	Methane, Carbon dioxide and Oxygen	at least daily before starting the work of the day	• Excavation Locations • Manholes and Chambers • Relocation of monitoring wells • Any other Confined Spaces

APPENDIX B
ACTION AND LIMIT LEVELS

APPENDIX B – Action and Limit Levels

Air Quality

1-hr TSP

Monitoring Stations	Location	Action Level, µg/m^3	Limit Level, µg/m^3
AM1	Tin Hau Temple	275	500
AM2	Sai Tso Wan Recreation Ground	273	
AM3	Yau Lai Estate Bik Lai House	271	
AM4	Sitting-out Area at Cha Kwo Ling Village	278	

24-hr TSP

Monitoring Stations	Location	Action Level, µg/m^3	Limit Level, µg/m^3
AM1	Tin Hau Temple	173	260
AM2	Sai Tso Wan Recreation Ground	192	
AM3	Yau Lai Estate Bik Lai House	167	
AM4(B)	Flat 103 Cha Kwo Ling Village	210	

Noise

Time Period	Action Level	Limit Level
0700-1900 hrs on normal weekdays	When one documented complaint is received from any one of the monitoring stations	75 dB(A) [1]

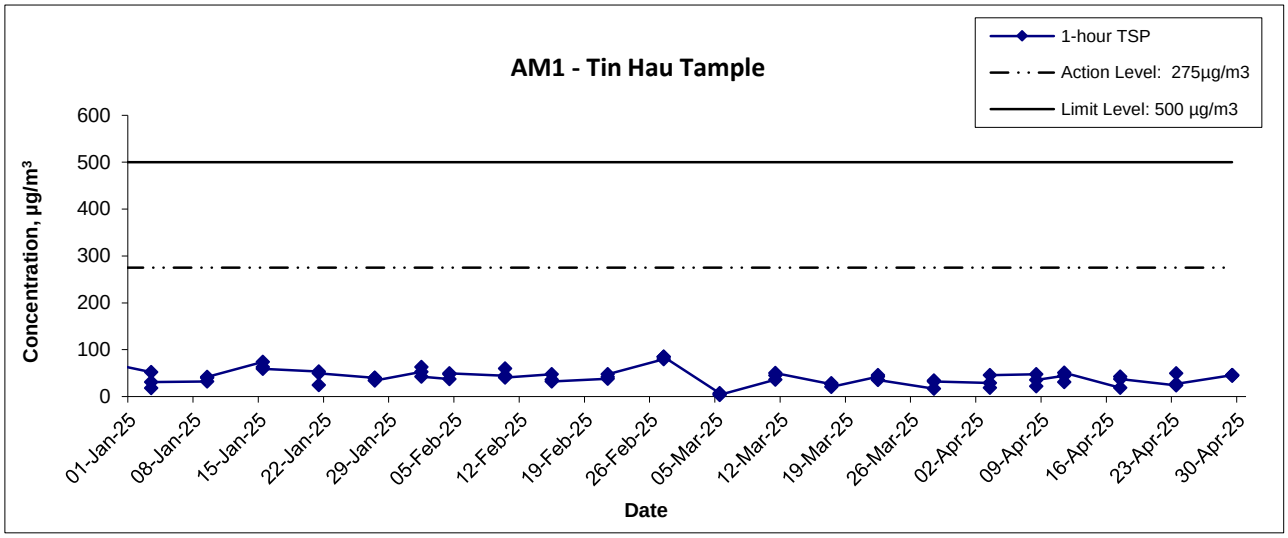
[1] 70 dB(A) for schools and 65 dB(A) for schools during examination period.

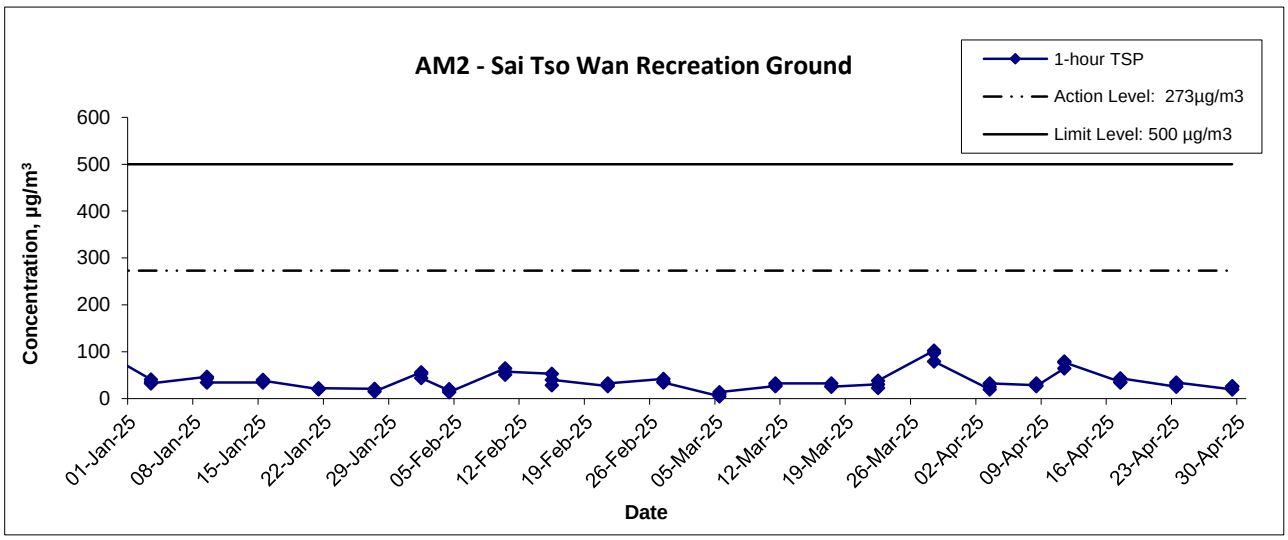
Landfill Gas Monitoring

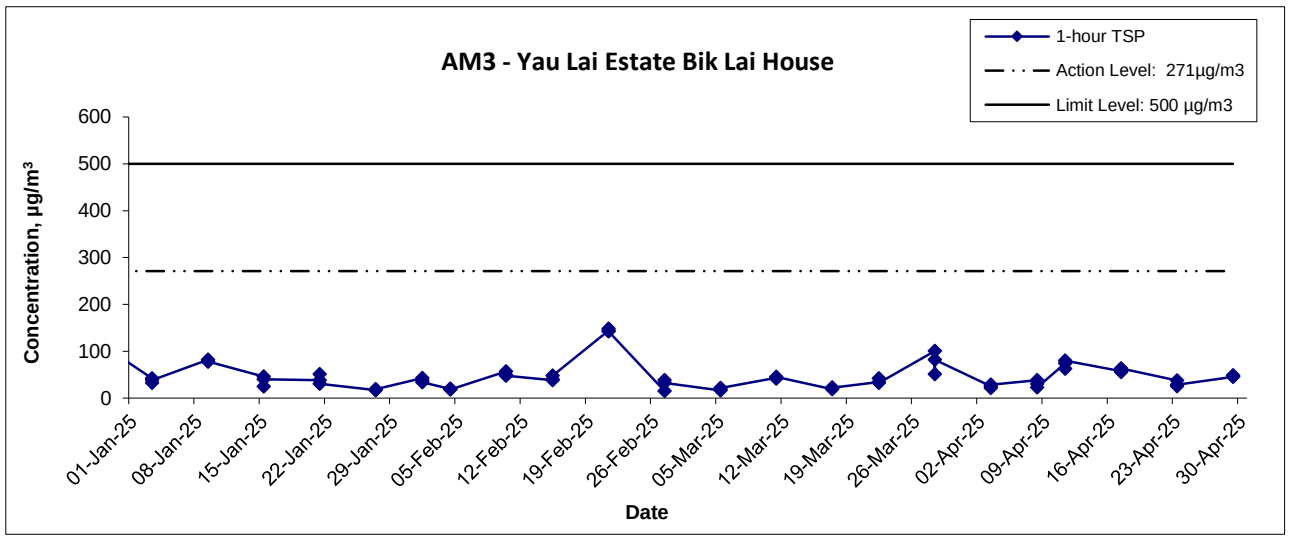
Parameter	Limit Level
Oxygen	<19%
	<18%
Methane	>10% LEL (i.e. > 0.5% by volume)
	>20% LEL (i.e. > 1% by volume)
Carbon Dioxide	>0.5%
	>1.5%

APPENDIX C
GRAPHICAL PRESENTATION OF AIR QUALITY MONITORING RESULTS

1-hr TSP Concentration Levels

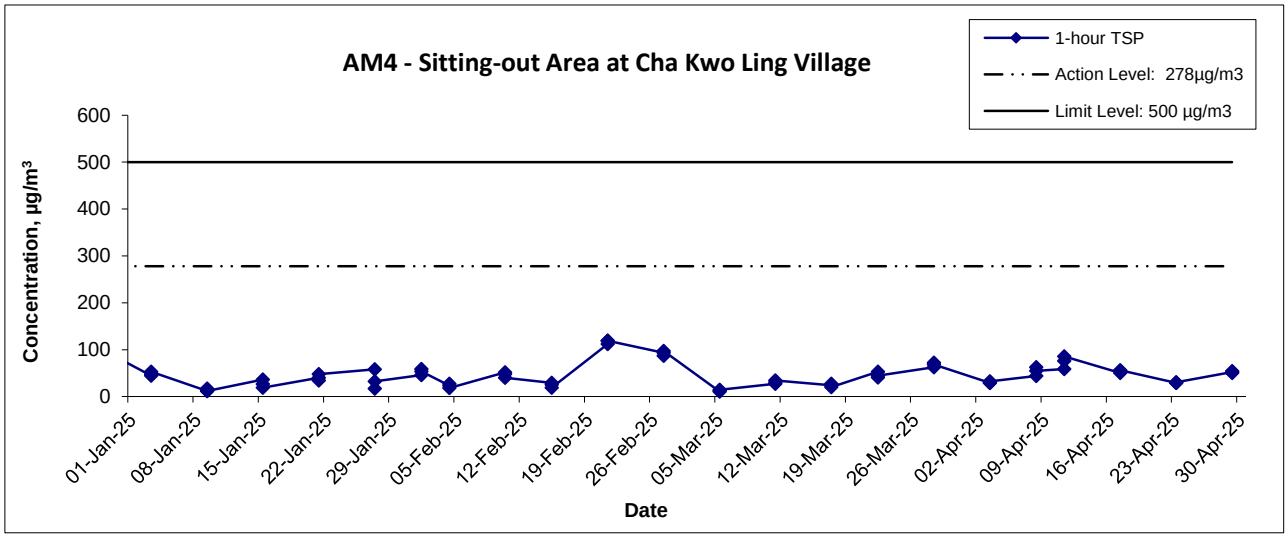






Contract No. ED/2018/04 Trunk Road T2 and Infrastructure Works for Developments at the Former South Apron Graphical Presentation of 1-hour TSP Monitoring Results	Scale N.T.S	Project No. MA20003	CINOTECH
	Date Apr-25	Appendix C	

1-hr TSP Concentration Levels

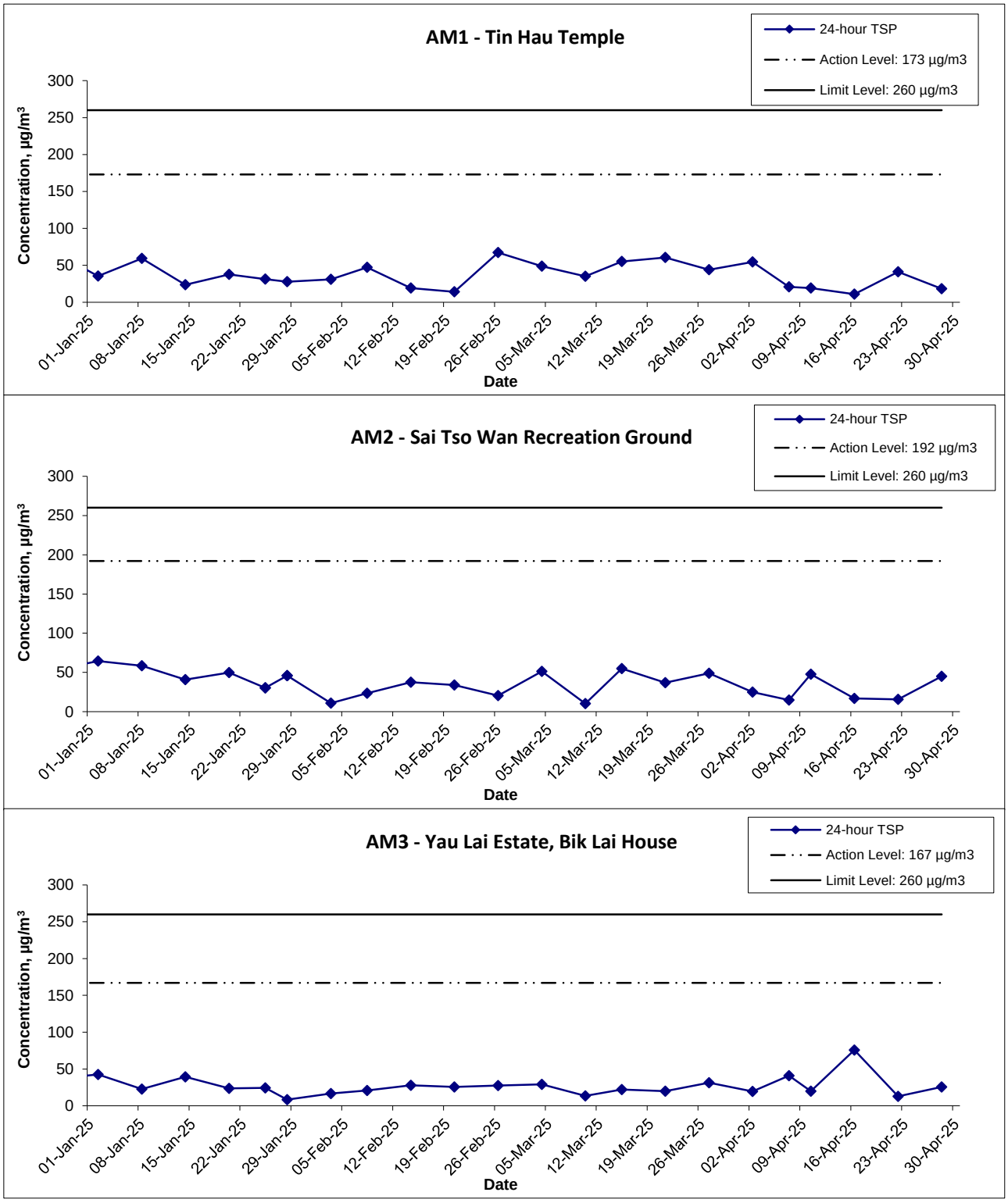


Notes:

1. The major activitie(s) being carried out on site during the reporting period is/are presented in Section 1.10
2. The weather conditions during the reporting month are presented in Appendix C.
3. Other factors which might affect the monitoring results are presented in Section 3.16.

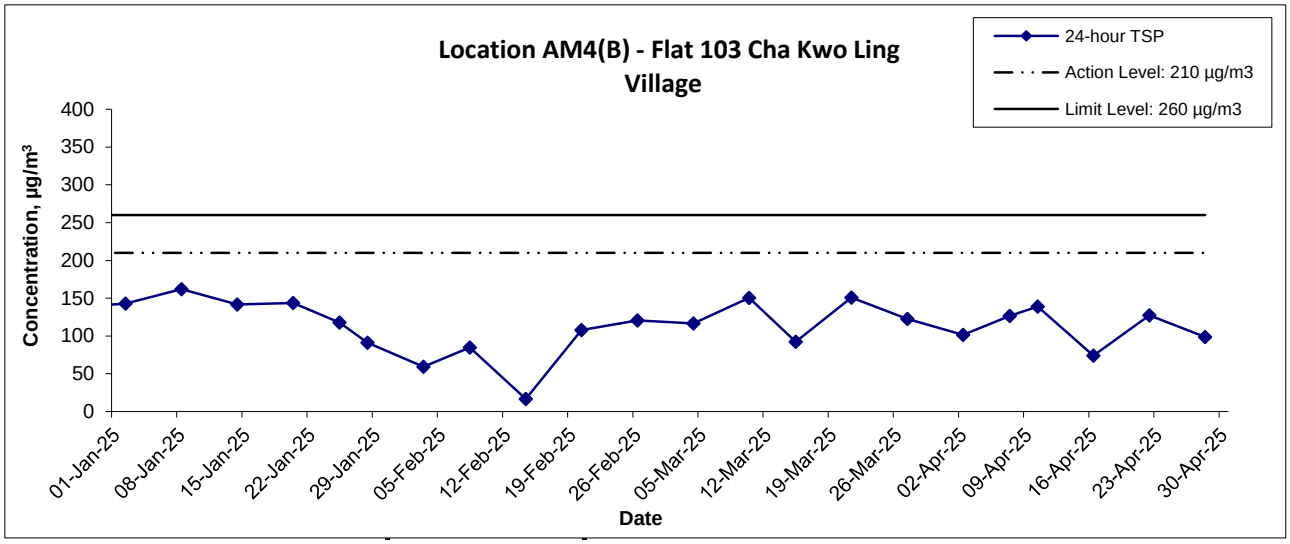
Contract No. ED/2018/04 Trunk Road T2 and Infrastructure Works for Developments at the Former South Apron Graphical Presentation of 1-hour TSP Monitoring Results	Scale N.T.S Date Apr-25	Project No. MA20003 Appendix C	CINOTECH

24-hr TSP Concentration Levels



Contract No. ED/2018/04 Trunk Road T2 and Infrastructure Works for Developments at the Former South Apron Graphical Presentation of 24-hour TSP Monitoring Results	Scale N.T.S Date Apr-25	Project No. MA20003 Appendix C	CINOTECH

24-hr TSP Concentration Levels



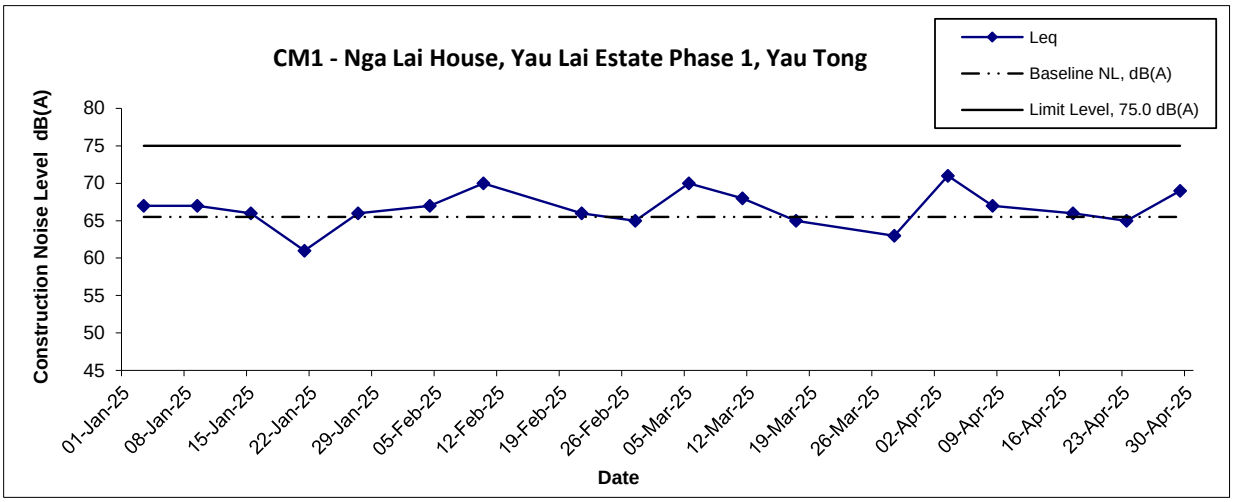
Notes:

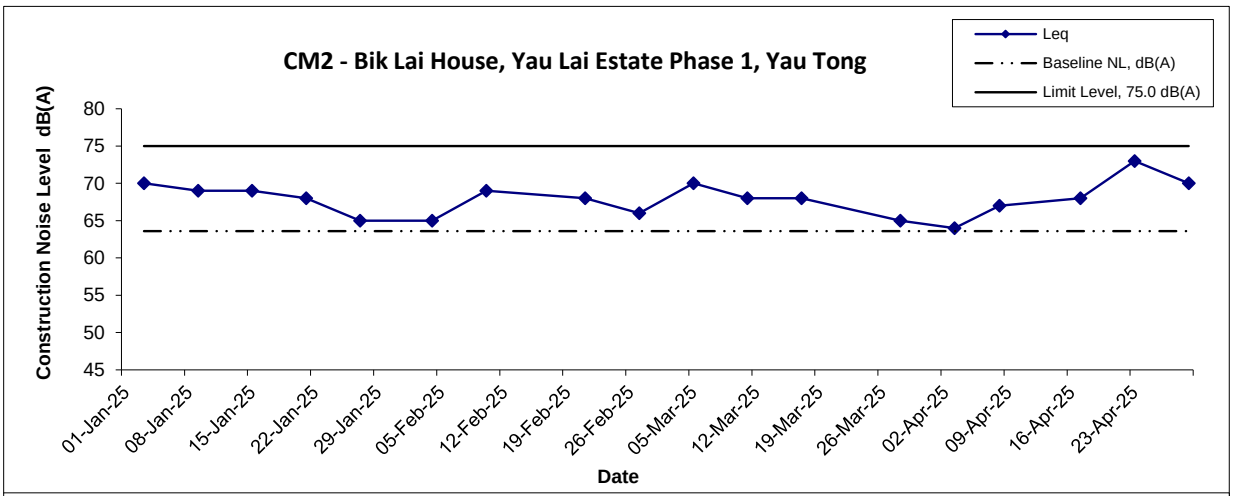
1) The major activitie(s) being carried out on site during the reporting period is/are presented in Section 1.10
2) The weather conditions during the reporting month are presented in Appendix C.
3) Other factors which might affect the monitoring results are presented in Section 3.16.

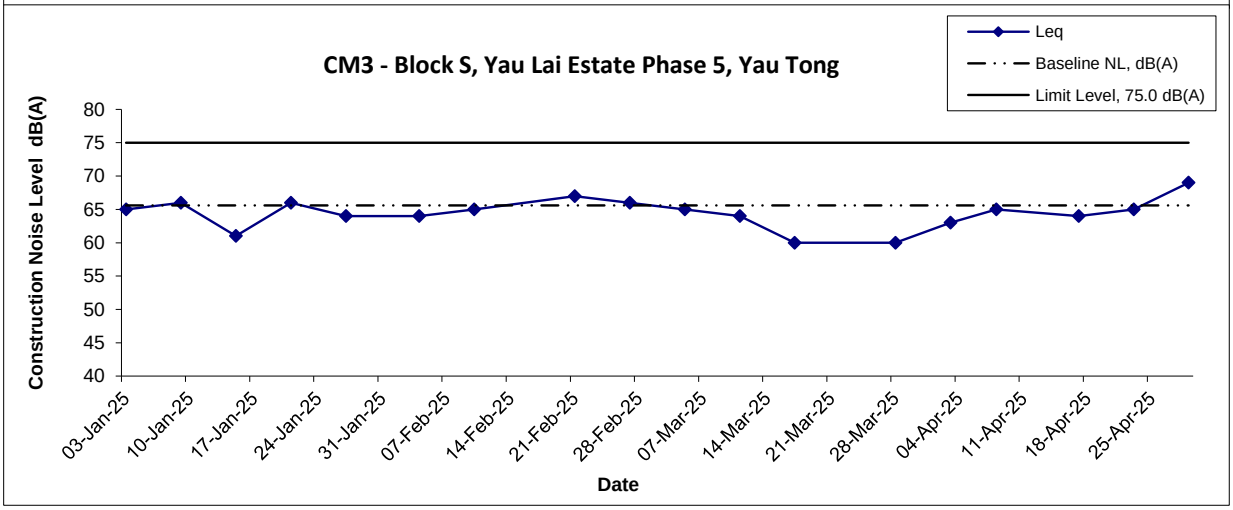
Contract No. ED/2018/04 Trunk Road T2 and Infrastructure Works for Developments at the Former South Apron Graphical Presentation of 24-hour TSP Monitoring Results	Scale N.T.S Date Apr-25	Project No. MA20003 Appendix C	CINOTECH

APPENDIX D
GRAPHICAL PRESENTATION OF NOISE MONITORING RESULTS

Noise Levels

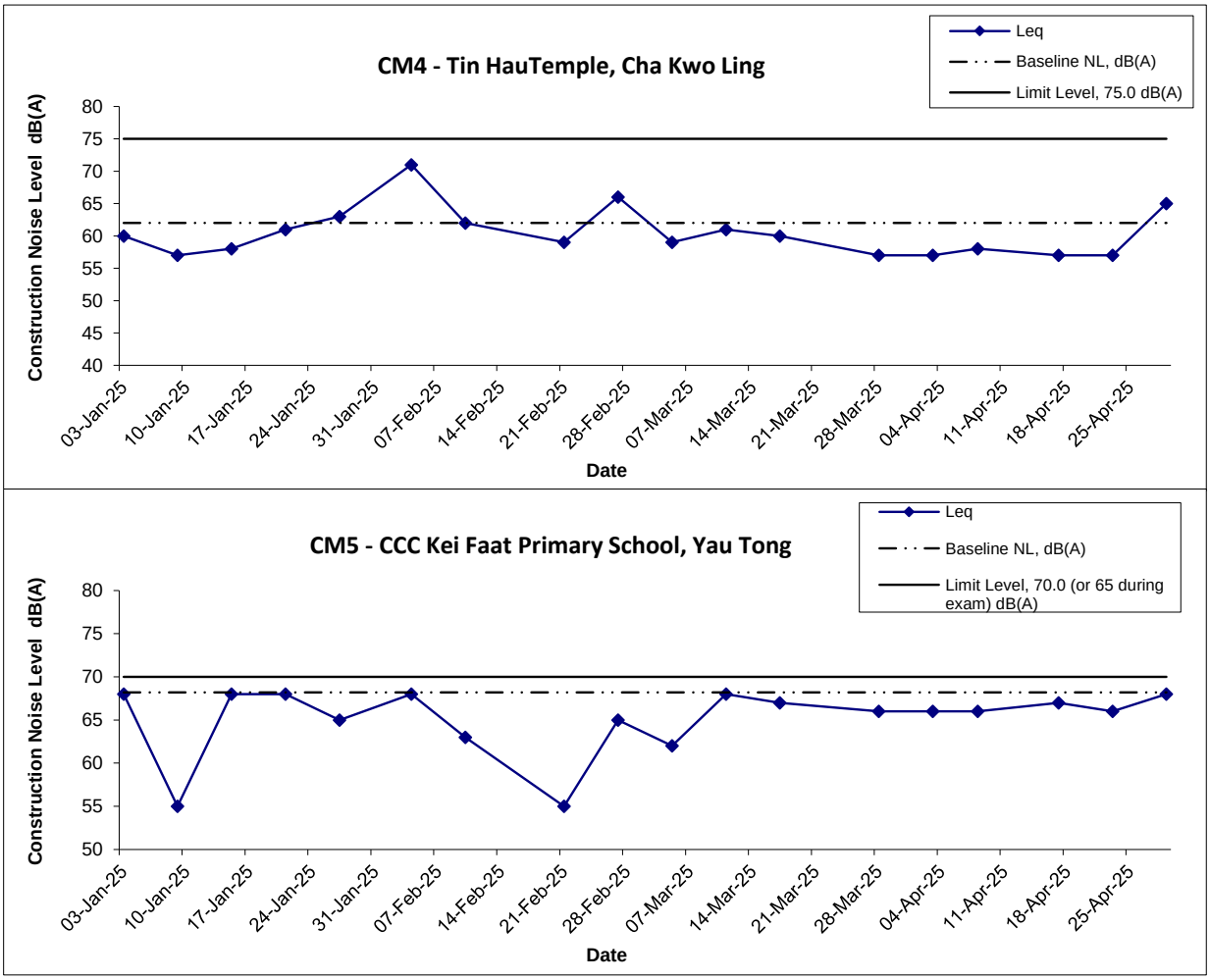






Title: Contract No. ED/2018/04 Trunk Road T2 and Infrastructure Works for Developments at the Former South Apron Graphical Presentation of Construction Noise Monitoring Results	Scale: N.T.S Date: Apr 25	Project No. MA20003 Appendix: D	CINOTECH

Noise Levels



Notes:

1) The major activitie(s) being carried out on site during the reporting period is/are presented in Section 1.10
2) The weather conditions during the reporting month are presented in Appendix C.
3) Other factors which might affect the monitoring results are presented in Section 3.13.

Title: Contract No. ED/2018/04 Trunk Road T2 and Infrastructure Works for Developments at the Former South Apron Graphical Presentation of Construction Noise Monitoring Results	Scale: N.T.S Date: Apr 25	Project No. MA20003 Appendix D	CINOTECH

APPENDIX F
SITE AUDIT SUMMARY

Appendix F - Site Audit Summary

February 2025

Items	Date	Status*	Follow up Action
Water Quality			
--	--	--	--
Ecology			
--	--	--	--
Noise			
--	--	--	--
Landscape and Visual			
--	--	--	--
Air Quality			
--	--	--	--
Waste / Chemical Management			
Used cement bags should be removed or disposed of properly.	20 Feb 2025	✓	Item was rectified on 27 Feb 2025
Impact on Cultural Heritage			
--	--	--	--
Permits / Licenses			
--	--	--	--

✔ Observation/reminder was made during site audit but improved/rectified by the contractor in the next site audit
✖ Observation/reminder was made during site audit but not yet improved/rectified by the contractor in the next site audit
\# Follow up action will be reported in next reporting month
∗ Non-compliance of mitigation measure
• Non-compliance but improved by the contractor

Appendix F - Site Audit Summary

March 2025

Items	Date	Status*	Follow up Action
Water Quality			
--	--	--	--
Ecology			
--	--	--	--
Noise			
--	--	--	--
Landscape and Visual			
--	--	--	--
Air Quality			
Replace the damaged impervious sheeting for coverage of cement bag stack which is more than 20 bags per stack.	13 Mar 2025	✓	Item was rectified on 20 Mar 2025
Cover the exposed exacted dusty material to prevent dust emission	13 Mar 2025	✓	Item was rectified on 20 Mar 2025
More than 20 bags cement bag should be covered properly.	20 Mar 2025	✓	Item was rectified on 27 Mar 2025
Waste / Chemical Management			
The accumulated general refuse should be removed timely.	13 Mar 2025	✓	Item was rectified on 20 Mar 2025
Rubbish should be removed to improve the status of housekeeping.	20 Mar 2025	✓	Item was rectified on 27 Mar 2025
Impact on Cultural Heritage			
--	--	--	--
Permits / Licenses			
--	--	--	--

✔ Observation/reminder was made during site audit but improved/rectified by the contractor in the next site audit
✖ Observation/reminder was made during site audit but not yet improved/rectified by the contractor in the next site audit
\# Follow up action will be reported in next reporting month
∗ Non-compliance of mitigation measure
• Non-compliance but improved by the contractor

Appendix F - Site Audit Summary

April 2025

Items	Date	Status*	Follow up Action
Water Quality			
Stagnant water was observed.	30 Apr 2025	#	Follow up in next reporting month
Ecology			
--	--	--	--
Noise			
--	--	--	--
Landscape and Visual			
--	--	--	--
Air Quality			
--	--	--	--
Waste / Chemical Management			
--	--	--	--
Impact on Cultural Heritage			
--	--	--	--
Permits / Licenses			
--	--	--	--

✔ Observation/reminder was made during site audit but improved/rectified by the contractor in the next site audit
✖ Observation/reminder was made during site audit but not yet improved/rectified by the contractor in the next site audit
\# Follow up action will be reported in next reporting month
∗ Non-compliance of mitigation measure
• Non-compliance but improved by the contractor

APPENDIX G
ENVIRONMENTAL MITIGATION
IMPLEMENTATION SCHEDULE (EMIS)

App G - ENVIRONMENTAL MITIGATION IMPLEMENTATION SCHEDULE (EMIS)

Table I - Recommended Mitigation Measures stipulated in EM&A Manual for the Project

EIA Ref. / EP Submission	Recommended Mitigation Measures	Objectives of the recommended Measures & Main Concerns to address	Who to implement the measures?	Location of the measures	When to Implement the measures?	What requirements or standards for the measures to achieve?
Air Quality						
S3.8.1	Watering eight times a day on active works areas, exposed areas and paved haul roads	To minimize the dust impact	Contractor	All Active Work Sites	Construction phase	APCO
S3.8.1	Enclosing the unloading process at barging point by a 3-sided screen with top tipping hall / mixing area in Work Area A, provision of water spraying and flexible dust curtains	To minimize the dust impact	Contractor	Barging Points	Construction phase	APCO
S3.8.7	Every stock of more than 20 bags of cement or dry pulverised fuel ash (PFA) should be covered entirely by impervious sheeting or placed in an area sheltered on the top and the 3 sides. • Use of frequent watering for particularly dusty construction areas and areas close to ASRs.. • Side enclosure and covering of any aggregate or dusty material storage piles to reduce emissions. Where this is not practicable owing to frequent usage, watering shall be applied to aggregate fines. • Open stockpiles shall be avoided or covered. Where possible, prevent placing dusty material storage piles near ASRs. • Tarpaulin covering of all dusty vehicle loads transported to, from and between site locations. • Establishment and use of vehicle wheel and body washing facilities at the exit points of the site. • Provision of wind shield and dust extraction units or similar dust mitigation measures at the loading area of barging point, and use of water sprinklers at the loading area where dust generation is likely during the loading process of loose material, particularly in dry seasons/ periods. • Provision of not less than 2.4m high hoarding from ground level along site boundary where adjoins a road, streets or other accessible to the public except for a site entrance or exit. • Imposition of speed controls for vehicles on site haul roads. • Where possible, routing of vehicles and positioning of construction plant should be at the maximum possible distance from ASRs • Every stock of more than 20 bags of cement or dry pulverised fuel ash (PFA) should be covered entirely by impervious sheeting or placed in an area sheltered on the top and the 3 sides. • Instigation of an environmental monitoring and auditing program to monitor the construction process in order to enforce controls and modify method of work if dusty conditions arise.	To minimize the dust impact	Contractor	All Construction Work Sites	Construction phase	APCO and Air Pollution Control (Construction Dust) Regulation
/	Emission from Vehicles and Plants • All vehicles shall be shut down in intermittent use. • Only well-maintained plant should be operated on-site and plant should be serviced regularly to avoid emission of black smoke. • All diesel fuelled construction plant within the works areas shall be powered by ultra low sulphur diesel fuel (ULSD)	Reduce air pollution emission from construction vehicles and plants	Contractor	All construction sites	Construction stage	APCO

EIA Ref. / EP Submission	Recommended Mitigation Measures	Objectives of the recommended Measures & Main Concerns to address	Who to implement the measures?	Location of the measures	When to Implement the measures?	What requirements or standards for the measures to achieve?
	Valid No-road Mobile Machinery (NRMM) labels should be provided to regulated machines	Reduce air pollution emission from construction vehicles and plants	--			APCO
Noise Mitigation Plan	Use of Temporary Noise Barriers (i.e Acoustic box, SilentUp and etc.) or Full Enclosure for PME according to the approved Noise Mitigation Plan	To minimize construction noise impact arising from the Project at the affected NSRs	Contractor	Work Sites	Construction phase	EIAO-TM, NCO
S4.9	**Good Site Practice** • Only well-maintained plant should be operated on-site and plant should be serviced regularly during the construction program • Silencers or mufflers on construction equipment should be utilized and should be properly maintained during the construction program. • Mobile plant, if any, should be sited as far away from NSRs as possible. • Machines and plant (such as trucks) that may be in intermittent use should be shut down between works periods or should be throttled down to a minimum. • Plant known to emit noise strongly in one direction should, wherever possible, be orientated so that the noise is directed away from the nearby NSRs. • Material stockpiles and other structures should be effectively utilized, wherever practicable, in screening noise from on-site construction activities.	To minimize construction noise impact arising from the Project at the affected NSRs	Project Proponent	Work sites	Construction Period	EIAO-TM, NCO
S4.9	Scheduling of Construction Works during School Examination Period	To minimize construction noise impact arising from the Project at the affected NSRs	Contractor	Work site near school	Construction phase	EIAO-TM, NCO
Water Quality Impact (Construction Phase)						
S5.6.24	The dry density of filling material for the TKO-LT Tunnel reclamation should be 1,900kg/m^3, with fine content of 25% or less	Control potential impacts from filling activities	CEDD's Contractors	Work site	Construction Phase	EIAO-TM, WPCO
S5.8.1	Non-dredged method by constructing steel cellular caisson structure with stone column shall be adopted for construction of seawall foundation. During the stone column installation (also including the installation of steel cellular caisson), silt curtain shall be employed around the active stone column installation points.	Control potential impacts from filling activities	CEDD's Contractors	Work site	Construction Phase	EIAO-TM, WPCO
S5.8.2	Formation of seawall enclosing the reclamation for Road P2 (notwithstanding an opening of about 50m for marine access) shall be completed prior to the filling activities. The seawall opening of about 50m wide for marine access shall be selected at a location as indicatively shown in Appendix 5.10. No more than 3 filling barge trips per day shall be made with a maximum daily rate of 3,000m^3 (i.e. 1,000 m^3 per trip) for the filling operation at the reclamation area for Road P2. All filling works shall be carried out behind the seawall with the use of single silt curtain at the marine access.	Control potential impacts from filling activities	CEDD's Contractors	Work site	Construction Phase	EIAO-TM, WPCO
Silt Curtain Deployment Plan	• Silt curtains should be deployed properly to surround the works area. • Maintenance of silt curtain should be provided. • Sufficient stock of silt curtain should be provided on site.	Control potential impacts from marine woroks	Contractor	NE/2015/01	Construction stage	EIAO

EIA Ref. / EP Submission	Recommended Mitigation Measures	Objectives of the recommended Measures & Main Concerns to address	Who to implement the measures?	Location of the measures	When to Implement the measures?	What requirements or standards for the measures to achieve?
S5.8.3	Other good site practices should be undertaken during filling operations include: • all marine works should adopt the environmental friendly construction methods as far as practically possible including the use of cofferdams to cover the construction area to separate the construction works from the sea; • floating single silt curtain shall be employed for all marine works; • all vessels should be sized so that adequate clearance is maintained between vessels and the seabed in all tide conditions, to ensure that undue turbidity is not generated by turbulence from vessel movement or propeller wash; • all hopper barges should be fitted with tight fitting seals to their bottom openings to prevent leakage of material; • excess material shall be cleaned from the decks and exposed fittings of barges before the vessel is moved; • adequate freeboard shall be maintained on barges to reduce the likelihood of decks being washed by wave action; • loading of barges and hoppers should be controlled to prevent splashing of filling material into the surrounding water. Barges or hoppers should not be filled to a level that will cause the overflow of materials or polluted water during loading or transportation; • any pipe leakages shall be repaired quickly. Plant should not be operated with leaking pipes; • construction activities should not cause foam, oil, grease, scum, litter or other objectionable matter to be present on the water within the site or dumping grounds; and • before commencement of the reclamation works, the holder of Environmental Permit has to submit plans showing the phased construction of the reclamation, design and operation of the silt curtain.	Control potential impacts from filling activities and marine-based construction	CEDD's Contractors	Work site	Construction Phase	EIAO-TM, WPCO, Waste Disposal Ordinance (WDO)
S5.8.4	Site specific mitigation plan for reclamation areas using public fill materials should be submitted for EPD agreement before commencement of construction phase with due consideration of good site practices.	Control potential impacts from filling activities and marine based construction	CEDD's Contractors	Work site	Construction Phase	ProPECC PN 1/94, EIAOTM, WPCO
ERR S5.6.1	To minimize water quality impact arising from the dredging and filling works for Reclamation for Road P2, the following mitigation measures shall be implemented: - Before carrying out any dredging and underwater filling works, a temporary barrier shall first be constructed to a height above the high water mark to completely enclose the works site (without any opening at the barrier wall) - The temporary barrier fully enclosing the dredging and underwater filling works site shall not be removed before completion of all dredging and underwater filling works. - Water quality sampling and testing shall be carried out to demonstrate that the water quality inside the enclosed barrier is comparable to the ambient or baseline levels prior to the removal of the fully enclosed barrier. - Silt curtains shall be deployed for the installation and removal of the temporary barrier and at the double water gates marine access opening during its operation.	Control potential impacts from dredging and filling works for Reclamation for Road P2	CEDD's Contractors	Work site	Construction Phase	ProPECC PN 1/94, EIAOTM, WPCO

EIA Ref. / EP Submission	Recommended Mitigation Measures	Objectives of the recommended Measures & Main Concerns to address	Who to implement the measures?	Location of the measures	When to Implement the measures?	What requirements or standards for the measures to achieve?
S5.8.5	It is important that appropriate measures are implemented to control runoff and drainage and prevent high loading of SS from entering the marine environment. Proper site management is essential to minimise surface water runoff, soil erosion and sewage effluents.	Control potential impacts from construction site runoff and land-based construction	CEDD's Contractors	Work site	Construction Phase	ProPECC PN 1/94, EIAOTM, WPCO
S5.8.6	Any practical options for the diversion and realignment of drainage should comply with both engineering and environmental requirements in order to ensure adequate hydraulic capacity of all drains.	Control potential impacts from construction site runoff and land-based construction	CEDD's Contractors	Work site	Design Stage and Construction Phase	ProPECC PN 1/94, EIAOTM, WPCO, TM-DSS

EIA Ref. / EP Submission	Recommended Mitigation Measures	Objectives of the recommended Measures & Main Concerns to address	Who to implement the measures?	Location of the measures	When to Implement the measures?	What requirements or standards for the measures to achieve?
S5.8.7	Construction site runoff and drainage should be prevented or minimised in accordance with the guidelines stipulated in the EPD's Practice Note for Professional Persons, Construction Site Drainage (ProPECC PN 1/94). Good housekeeping and stormwater best management practices, as detailed in below, should be implemented to ensure that all construction runoff complies with WPCO standards and no unacceptable impact on the WSRs arises due to construction of the TKO-LT Tunnel. All discharges from the construction site should be controlled to comply with the standards for effluents discharged into the corresponding WCZ under the TM-DSS.	Control potential impacts from construction site runoff and land-based construction	CEDD's Contractors	Work site	Construction Phase	ProPECC PN 1/94, EIAOTM, WPCO, TM-DSS
S5.8.8 S5.8.8 S5.8.8	Exposed soil areas should be minimised to reduce the potential for increased siltation, contamination of runoff, and erosion. Construction runoff related impacts associated with the above ground construction activities can be readily controlled through the use of appropriate mitigation measures which include: • use of sediment traps; and • adequate maintenance of drainage systems to prevent flooding and overflow.	Control potential impacts from construction site runoff and land-based construction	CEDD's Contractors	Work site	Construction Phase	ProPECC PN 1/94, EIAOTM, WPCO
S5.8.9	Construction site should be provided with adequately designed perimeter channel and pretreatment facilities and proper maintenance. The boundaries of critical areas of earthworks should be marked and surrounded by dykes or embankments for flood protection. Temporary ditches should be provided to facilitate runoff discharge into the appropriate watercourses, via a silt retention pond. Permanent drainage channels should incorporate sediment basins or traps and baffles to enhance deposition rates. The design of efficient silt removal facilities should be based on the guidelines in Appendix A1 of ProPECC PN 1/94.	Control potential impacts from construction site runoff and land-based construction	CEDD's Contractors	Work site	Construction Phase	ProPECC PN 1/94, EIAOTM, WPCO
S5.8.10	Ideally, construction works should be programmed to minimise surface excavation works during the rainy season (April to September). All exposed earth areas should be completed as soon as possible after earthworks have been completed, or alternatively, within 14 days of the cessation of earthworks where practicable. If excavation of soil cannot be avoided during the rainy season, or at any time of year when rainstorms are likely, exposed slope surfaces should be covered by tarpaulin or other means.	Control potential impacts from construction site runoff and land-based construction	CEDD's Contractors	Work site	Construction Phase	ProPECC PN 1/94, EIAOTM, WPCO
S5.8.11	Sedimentation tanks of sufficient capacity, constructed from pre-formed individual cells of approximately 6 to 8m^3 capacity, are recommended as a general mitigation measure which can be used for settling surface runoff prior to disposal. The system capacity is flexible and able to handle multiple inputs from a variety of sources and particularly suited to applications where the influent is pumped.	Control potential impacts from construction site runoff and land-based construction	CEDD's Contractors	Work site	Construction Phase	ProPECC PN 1/94, EIAOTM, WPCO
S5.8.12	Earthworks final surfaces should be well compacted and the subsequent permanent work or surface protection should be carried out immediately after the final surfaces are formed to prevent erosion caused by rainstorms. Appropriate drainage like intercepting channels should be provided where necessary.	Control potential impacts from construction site runoff and land-based construction	CEDD's Contractors	Work site	Construction Phase	ProPECC PN 1/94, EIAOTM, WPCO
S5.8.13	Measures should be taken to minimize the ingress of rainwater into trenches. If excavation of trenches in wet seasons is necessary, they should be dug and backfilled in short sections. Rainwater pumped out from trenches or foundation excavations should be discharged into storm drains via silt removal facilities.	Control potential impacts from construction site runoff and land-based construction	CEDD's Contractors	Work site	Construction Phase	ProPECC PN 1/94, EIAOTM, WPCO
S5.8.14	Open stockpiles of construction materials (for examples, aggregates, sand and fill material) of more than 50m^3 should be covered with tarpaulin or similar fabric during rainstorms. Measures should be taken to prevent the washing away of construction materials, soil, silt or debris into any drainage system.	Control potential impacts from construction site runoff and land-based construction	CEDD's Contractors	Work site	Construction Phase	ProPECC PN 1/94, EIAOTM, WPCO

EIA Ref. / EP Submission	Recommended Mitigation Measures	Objectives of the recommended Measures & Main Concerns to address	Who to implement the measures?	Location of the measures	When to Implement the measures?	What requirements or standards for the measures to achieve?
S5.8.15	Manholes (including newly constructed ones) should always be adequately covered and temporarily sealed so as to prevent silt, construction materials or debris being washed into the drainage system and storm runoff being directed into foul sewers. Discharge of surface run-off into foul sewers must always be prevented in order not to unduly overload the foul sewerage system.	Control potential impacts from construction site runoff and land-based construction	CEDD's Contractors	Work site	Construction Phase	ProPECC PN 1/94, EIAOTM, WPCO
S5.8.16	Precautions to be taken at any time of year when rainstorms are likely, actions to be taken when a rainstorm is imminent or forecast, and actions to be taken during or after rainstorms are summarised in Appendix A2 of ProPECC PN 1/94. Particular attention should be paid to the control of silty surface runoff during storm events, especially for areas located near steep slopes.	Control potential impacts from construction site runoff and land-based construction	CEDD's Contractors	Work site	Construction Phase	ProPECC PN 1/94, EIAOTM, WPCO

EIA Ref. / EP Submission	Recommended Mitigation Measures	Objectives of the recommended Measures & Main Concerns to address	Who to implement the measures?	Location of the measures	When to Implement the measures?	What requirements or standards for the measures to achieve?
S5.8.17	Oil interceptors should be provided in the drainage system and regularly cleaned to prevent the release of oils and grease into the storm water drainage system after accidental spillages. The interceptor should have a bypass to prevent flushing during periods of heavy rain.	Control potential impacts from construction site runoff and land-based construction	CEDD's Contractors	Work site	Construction Phase	ProPECC PN 1/94, EIAOTM, WPCO
S5.8.18	All vehicles and plant should be cleaned before leaving a construction site to ensure no earth, mud, debris and the like is deposited by them on roads. An adequately designed and located wheel washing bay should be provided at every site exit, and washwater should have sand and silt settled out and removed at least on a weekly basis to ensure the continued efficiency of the process. The section of access road leading to, and exiting from, the wheelwash bay to the public road should be paved with sufficient backfall toward the wheel-wash bay to prevent vehicle tracking of soil and silty water to public roads and drains.	Control potential impacts from construction site runoff and land-based construction	CEDD's Contractors	Work site	Construction Phase	ProPECC PN 1/94, EIAOTM, WPCO
S5.8.19	Silt removal facilities, channels and manholes should be maintained and the deposited silt and grit should be removed regularly, at the onset of and after each rainstorm to ensure that these facilities are functioning properly at all times.	Control potential impacts from construction site runoff and land-based construction	CEDD's Contractors	Work site	Construction Phase	ProPECC PN 1/94, EIAOTM, WPCO
S5.8.20	It is recommended that on-site drainage system should be installed prior to the commencement of other construction activities. Sediment traps should be installed in order to minimise the sediment loading of the effluent prior to discharge into foul sewers. There shall be no direct discharge of effluent from the site into the sea.	Control potential impacts from construction site runoff and land-based construction	CEDD's Contractors	Work site	Construction Phase	ProPECC PN 1/94, EIAOTM, WPCO
S5.8.21	All temporary and permanent drainage pipes and culverts provided to facilitate runoff discharge should be adequately designed for the controlled release of storm flows. All sediment control measures should be regularly inspected and maintained to ensure proper and efficient operation at all times and particularly following rain storms. The temporarily diverted drainage should be reinstated to its original condition when the construction work has finished or the temporary diversion is no longer required.	Control potential impacts from construction site runoff and land-based construction	CEDD's Contractors	Work site	Construction Phase	ProPECC PN 1/94, EIAOTM, WPCO
S5.8.22	All fuel tanks and storage areas should be provided with locks and be located on sealed areas, within bunds of a capacity equal to 110% of the storage capacity of the largest tank, to prevent spilled fuel oils from reaching the coastal waters.	Control potential impacts from construction site runoff and land-based construction	CEDD's Contractors	Work site	Construction Phase	ProPECC PN 1/94, EIAOTM, WPCO
S5.8.23	Minimum distances of 100m shall be maintained between the existing or planned stormwater discharges and the existing or planned seawater intakes during construction and operational phases	Control potential impacts from construction site runoff and land-based construction	CEDD's Contractors	Work site	Construction Phase	EIAO-TM, WPCO, TMDSS
S5.8.24	Under normal circumstances, groundwater pumped out of wells, etc. for the lowering of ground water level in basement or foundation construction, and groundwater seepage pumped out of tunnels or caverns under construction should be discharged into storm drains after the removal of silt in silt removal facilities.	Control potential impacts from construction site runoff and land-based construction	CEDD's Contractors	Work site	Construction Phase	ProPECC PN 1/94, EIAOTM, WPCO
S5.8.25 - S5.8.27 & Table 5.18	Grouting would be adopted as measure to reduce the groundwater inflow into the tunnel. During the tunnel excavation, the inflow rate of groundwater into the tunnel will be measured during the excavation. The groundwater levels above the tunnel will also be monitored by piezometers. If the inflow rate exceeds the pre-determined groundwater control criteria or the groundwater drawdown exceeds the required limit, pre-excavation grouting will be required to reduce the groundwater inflow. No significant change of groundwater levels would therefore be expected. Any chemicals/ foaming agents which would be entrained to the groundwater should be biodegradable and non-toxic throughout the tunnel construction. Potential groundwater quality impact would be minimal as the used material is non-toxic and biodegradable. No adverse groundwater quality would therefore be expected. Prescriptive measures in the form of an Action Plan with pre-emptive and re-active to preserve the groundwater levels at all times during the tunnel construction are set out in Table 5.18.	Control potential impacts from construction site runoff and land-based construction	CEDD's Contractors	Work site	Construction Phase	ProPECC PN 1/94, EIAOTM, WPCO, Buildings Ordinance
S5.8.28	Water used in ground boring and drilling for site investigation or rock / soil anchoring should as far as practicable be recirculated after sedimentation. When there is a need for final disposal, the wastewater should be discharged into storm drains via silt removal facilities.	Control potential impacts from construction site runoff and land-based construction	CEDD's Contractors	Work site	Design Stage and Construction Phas	ProPECC PN 1/94, EIAOTM, WPCO

EIA Ref. / EP Submission	Recommended Mitigation Measures	Objectives of the recommended Measures & Main Concerns to address	Who to implement the measures?	Location of the measures	When to Implement the measures?	What requirements or standards for the measures to achieve?
S5.8.29 - S5.8.31	Wastewater generated from the washing down of mixing trucks and drum mixers and similar equipment should whenever practicable be recycled. The discharge of wastewater should be kept to a minimum. To prevent pollution from wastewater overflow, the pump sump of any water recycling system should be provided with an online standby pump of adequate capacity and with automatic alternating devices. Under normal circumstances, surplus wastewater may be discharged into foul sewers after treatment in silt removal and pH adjustment facilities (to within the pH range of 6 to 10). Disposal of wastewater into storm drains will require more elaborate treatment.	Control potential impacts from construction site runoff and land-based construction	CEDD's Contractors	Work site	Construction Phase	ProPECC PN 1/94, EIAOTM, WPCO
S5.8.32	All vehicles and plant should be cleaned before they leave a construction site to ensure no earth, mud, debris and the like is deposited by them on roads. A wheel washing bay should be provided at every site exit if practicable and wash-water should have sand and silt settled out or removed before discharging into storm drains. The section of construction road between the wheel washing bay and the public road should be paved with backfall to reduce vehicle tracking of soil and to prevent site run-off from entering public road drains.	Control potential impacts from construction site runoff and land-based construction	CEDD's Contractors	Work site	Construction Phase	ProPECC PN 1/94, EIAOTM, WPCO
S5.8.33	Bentonite slurries used in diaphragm wall and borepile construction should be reconditioned and reused wherever practicable. If the disposal of a certain residual quantity cannot be avoided, the used slurry may be disposed of at the marine spoil grounds subject to obtaining a marine dumping licence from EPD on a case-by-case basis.	Control potential impacts from construction site runoff and land-based construction	CEDD's Contractors	Work site	Construction Phase	ProPECC PN 1/94, EIAOTM, WPCO
S5.8.34	If the used bentonite slurry is intended to be disposed of through the public drainage system, it should be treated to the respective effluent standards applicable to foul sewer, storm drains or the receiving waters as set out in the WPCO Technical Memorandum on Effluent Standards.	Control potential impacts from construction site runoff and land-based construction	CEDD's Contractors	Work site	Construction Phase	ProPECC PN 1/94, EIAOTM, WPCO
S5.8.35	Water used in water testing to check leakage of structures and pipes should be reused for other purposes as far as practicable. Surplus unpolluted water could be discharged into storm drains.	Control potential impacts from construction site runoff and land-based construction	CEDD's Contractors	Work site	Construction Phase	ProPECC PN 1/94, EIAOTM, WPCO
S5.8.36	Sterilization is commonly accomplished by chlorination. Specific advice from EPD should be sought during the design stage of the works with regard to the disposal of the sterilizing water. The sterilizing water should be reused wherever practicable.	Control potential impacts from construction site runoff and land-based construction	CEDD's Contractors	Work site	Design Stage and Construction Phase	ProPECC PN 1/94, EIAOTM, WPCO
S5.8.37	Before commencing any demolition works, all sewer and drainage connections should be sealed to prevent building debris, soil, sand etc. from entering public sewers/drains.	Control potential impacts from construction site runoff and land-based construction	CEDD's Contractors	Work site	Construction Phase	ProPECC PN 1/94, EIAOTM, WPCO
S5.8.38	Wastewater generated from building construction activities including concreting, plastering, internal decoration, cleaning of works and similar activities should not be discharged into the stormwater drainage system. If the wastewater is to be discharged into foul sewers, it should undergo the removal of settleable solids in a silt removal facility, and pH adjustment as necessary	Control potential impacts from construction site runoff and land-based construction	CEDD's Contractors	Work site	Construction Phase	ProPECC PN 1/94, EIAOTM, WPCO
S5.8.39	Acidic wastewater generated from acid cleaning, etching, pickling and similar activities should be neutralized to within the pH range of 6 to 10 before discharging into foul sewers. If there is no public foul sewer in the vicinity, the neutralized wastewater should be tinkered off site for disposal into foul sewers or treated to a standard acceptable to storm drains and the receiving waters	Control potential impacts from construction site runoff and land-based construction	CEDD's Contractors	Work site	Construction Phase	ProPECC PN 1/94, EIAOTM, WPCO

EIA Ref. / EP Submission	Recommended Mitigation Measures	Objectives of the recommended Measures & Main Concerns to address	Who to implement the measures?	Location of the measures	When to Implement the measures?	What requirements or standards for the measures to achieve?
S5.8.40	Wastewater collected from canteen kitchens, including that from basins, sinks and floor drains, should be discharged into foul sewer via grease traps capable of providing at least 20 minutes retention during peak flow.	Control potential impacts from construction site runoff and land-based construction	CEDD's Contractors	Work site	Construction Phase	ProPECC PN 1/94, EIAOTM, WPCO
S5.8.41	Drainage serving an open oil filling point should be connected to storm drains via a petrol interceptor with peak storm bypass.	Control potential impacts from construction site runoff and land-based construction	CEDD's Contractors	Work site	Construction Phase	ProPECC PN 1/94, EIAOTM, WPCO
S5.8.42	Vehicle and plant servicing areas, vehicle wash bays and lubrication bays should as far as possible be located within roofed areas. The drainage in these covered areas should be connected to foul sewers via a petrol interceptor. Oil leakage or spillage should be contained and cleaned up immediately. Waste oil should be collected and stored for recycling or disposal in accordance with the Waste Disposal Ordinance.	Control potential impacts from construction site runoff and land-based construction	CEDD's Contractors	Work site	Construction Phase	ProPECC PN 1/94, EIAOTM, WPCO
S5.8.43	Construction work force sewage discharges on site are expected to be connected to the existing trunk sewer or sewage treatment facilities. The construction sewage may need to be handled by portable chemical toilets prior to the commission of the on-site sewer system. Appropriate numbers of portable toilets shall be provided by a licensed contractor to serve the large number of construction workers over the construction site. The Contractor shall also be responsible for waste disposal and maintenance practices.	Control potential impacts from construction site runoff and land-based construction	CEDD's Contractors	Work site	Construction Phase	ProPECC PN 1/94, EIAOTM, WPCO
S5.8.44	Contractor must register as a chemical waste producer if chemical wastes would be produced from the construction activities. The Waste Disposal Ordinance (Cap 354) and its subsidiary regulations in particular the Waste Disposal (Chemical Waste) (General) Regulation should be observed and complied with for control of chemical wastes.	Control potential impacts from accidental spillage of chemicals	CEDD's Contractors	Work site	Construction Phase	EIAO-TM, WPCO, WDO
S5.8.45	Any service shop and maintenance facilities should be located on hard standings within a bunded area, and sumps and oil interceptors should be provided. Maintenance of vehicles and equipment involving activities with potential for leakage and spillage should only be undertaken within the areas appropriately equipped to control these discharges.	Control potential impacts from accidental spillage of chemicals	CEDD's Contractors	Work site	Construction Phase	EIAO-TM, WPCO
S5.8.46	Disposal of chemical wastes should be carried out in compliance with the Waste Disposal Ordinance. The "Code of Practice on the Packaging, Labelling and Storage of Chemical Wastes" published under the Waste Disposal Ordinance details the requirements to deal with chemical wastes. General requirements are given as follows: • suitable containers should be used to hold the chemical wastes to avoid leakage or spillage during storage, handling and transport; • chemical waste containers should be suitably labelled, to notify and warn the personnel who are handling the wastes, to avoid accidents; and • storage area should be selected at a safe location on site and adequate space should be allocated to the storage area.	Control potential impacts from accidental spillage of chemicals	CEDD's Contractors	Work site	Construction Phase	EIAO-TM, WPCO, WDO
S5.8.47	Collection and removal of floating refuse should be performed at regular intervals on a daily basis. The contractor should be responsible for keeping the water within the site boundary and the neighbouring water free from rubbish.	Control potential impacts from floating refuse and debris	CEDD's Contractors	Work site	Construction Phase	EIAO-TM, WPCO,
Ecological Impact						
	Measures to Minimize Disturbance • Use of Quiet Mechanical Plant during the construction phase should be adopted wherever possible.					

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S6.8.4	• Hoarding or fencing should be erected around the works area boundaries during the construction phase. The hoarding would screen adjacent habitats from construction phase activities, reduce noise disturbance to these habitats and also to restrict access to habitats adjacent to works areas by site workers; • Regular spraying of haul roads to minimize impacts of dust deposition on adjacent vegetation and habitats during the construction activities	Minimize noise, human and traffic disturbance to terrestrial habitat and wildlife; and reduce dust generation	Design Team / Contractor	Land-based works are	Construction Phase	N/A

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S6.8.5	**Standard Good Site Practice** • Placement of equipment or stockpile in designated works areas and access routes selected on existing disturbed land to minimise disturbance to natural habitats. • Construction activities should be restricted to works areas that should be clearly demarcated. The works areas should be reinstated after completion of the works. • Waste skips should be provided to collect general refuse and construction wastes. The wastes should be properly disposed off-site in a timely manner. • General drainage arrangements should include sediment and oil traps to collect and control construction site run-off. • Open burning on works sites is illegal, and should be strictly prohibited. • Measures should also be put into place so that litter, fuel and solvents do not enter the nearby watercourses.	Reduce disturbance to surrounding habitats	Contractor	Land-based works are	Construction Phase	N/A
S6.8.6	**Measure to Minimize Groundwater Inflow** • The drained tunnel construction method with groundwater inflow control measures would generally be adopted. • During the tunnel excavation, pre-excavation grouting could be adopted to reduce the groundwater inflow and ensure that the tunnel would meet the long term water tightness requirements.	Minimize groundwater inflow	Contractor	Tunnel	Construction Phase	N/A
S6.8.8	**Measure to Minimize Impact on Corals** <u>Coral translocation</u> • It is recommended to translocate the affected coral colonies, except the locally common *Oulastrea crispata* , within the reclamation area and bridge footprint to the other suitable locations as far as practicable. • The coral translocation should be conducted during the winter months (November-March) in order to avoid disturbance during their spawning period (i.e. July to October). • A detailed coral translocation plan with a description on the methodology for pretranslocation coral survey, translocation methodology, identification/proposal of coral recipient site, monitoring methodology for posttranslocation should be prepared during the detailed design stage. • The coral translocation plan should be subject to approval by relevant authorities (e.g. EPD and AFCD) before commencement of the coral translocation. All the translocation exercises should be conducted by experienced marine ecologist(s) who is/are approved by AFCD prior to commencement of coral translocation. <u>Post translocation Monitoring</u> • A coral monitoring programme is recommended to assess any adverse and unacceptable impacts to the translocated coral communities • Information gathered during each posttranslocation monitoring survey should include observations on the presence, survival, health condition and growth of the translocated coral colonies. These parameters should then be compared with the baseline results collected from the pre-translocation survey.	Minimize loss of coral	Design team, contractor, project operator	Within reclamation areas and pier footprint	Prior construction	N/A

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S6.8.9 S6.8.10	**Measure to Control Water Quality Impact** • Deployment of silt curtains around the active stone column installation points, opening of newly installed seawall and marine works area. • Diverting of the site runoff to silt trap facilities before discharging into storm drain; • Proper waste and dumping management; and • Standard good-site practice for land-based construction.	Control water quality impact, especially on suspended solid level; minimize the contamination of wastewater discharge, accidental chemical spillage and construction site runoff to the receiving water bodies	Design Team, contractor	Marine and landbased works area	Construction phase	WQO
S6.8.11	**Compensation for Vegetation Loss** • Felling of mature trees should be compensated by planting of standard or heavy standard trees within or in vicinity of the affected area as far as practicable. Such compensatory planting for trees should be provided with at least a 1:1 ratio. In addition, vegetation at the temporarily affected area should be reinstated with species similar to the existing condition.	Compensate for the vegetation loss	Design Team, contractor	Land-based works area	Construction phase	N/A
Fisheries Impact						
S7.7.3	**Measure to Control Water Quality Impact** • Deployment of silt curtains around the active stone column installation points, opening of newly installed seawall and marine works area.	Control water quality impact, especially on suspended solid level	Design Team / Contractor	Marine work area	Construction phase	WQO
Waste Management (Construction Phase)						
S8.6.3	**Good Site Practices and Waste Reduction Measures** • Nomination of an approved person, such as a site manager, to be responsible for good site practices, arrangements for collection and effective disposal to an appropriate facility, of all wastes generated at the site; • Training of site personnel in site cleanliness, proper waste management and chemical handling procedures; • Provision of sufficient waste disposal points and regular collection of waste; • Appropriate measures to minimize windblown litter and dust during transportation of waste by either covering trucks or by transporting wastes in enclosed containers; and • Regular cleaning and maintenance programme for drainage systems, sumps and oil interceptors.	To reduce waste management impacts	Contractor	All work sites	Construction Phase	Waste Disposal Ordinance (Cap. 354) Land (Miscellaneous Provisions) Ordinance (Cap. 28)
S8.6.4	***Good Site Practices and Waste Reduction Measures (con't)*** • Segregation and storage of different types of waste in different containers, skips or stockpiles to enhance reuse or recycling of materials and their proper disposal; • Encourage collection of aluminium cans by providing separate labelled bins to enable this waste to be segregated from other general refuse generated by the workforce; • Proper storage and site practices to minimize the potential for damage or contamination of construction materials; and • Plan and stock construction materials carefully to minimize amount of waste generated and avoid unnecessary generation of waste.	To achieve waste reduction	Contractor	All work sites	Construction Phase	Waste Disposal Ordinance (Cap. 354) Land (Miscellaneous Provisions) Ordinance (Cap. 28)
	Good Site Practices and Waste Reduction Measures (con't)					

EIA Ref. / EP Submission	Recommended Mitigation Measures	Objectives of the recommended Measures & Main Concerns to address	Who to implement the measures?	Location of the measures	When to Implement the measures?	What requirements or standards for the measures to achieve?
S8.6.5	The Contractor shall prepare and implement a WMP as part of the EMP in accordance with ETWB TCW No. 19/2005 which describes the arrangements for avoidance, reuse, recovery, recycling, storage, collection, treatment and disposal of different categories of waste to be generated from the construction activities. Such a management plan should incorporate site specific factors, such as the designation of areas for segregation and temporary storage of reusable and recyclable materials. The EMP should be submitted to the Engineer for approval. The Contractor should implement the waste management practices in the EMP throughout the construction stage of the Project. The EMP should be reviewed regularly and updated by the Contractor.	To achieve waste reduction	Contractor	All work sites	Construction Phase	ETWB TCW No. 19/2005

EIA Ref. / EP Submission	Recommended Mitigation Measures	Objectives of the recommended Measures & Main Concerns to address	Who to implement the measures?	Location of the measures	When to Implement the measures?	What requirements or standards for the measures to achieve?
S8.6.6	**Good Site Practices and Waste Reduction Measures (con't)** • C&D materials would be reused in the project and other local concurrent projects as far as possible.	To achieve waste reduction	Contractor	All work sites	Construction Phase	ETWB TCW No. 19/2005
S8.6.7	**Storage, Collection and Transportation of Waste** Should any temporary storage or stockpiling of waste is required, recommendations to minimize the impacts include: • Waste, such as soil, should be handled and stored well to ensure secure containment, thus minimizing the potential of pollution; • Maintain and clean storage areas routinely; • Stockpiling area should be provided with covers and water spraying system to prevent materials from wind-blown or being washed away; and • Different locations should be designated to stockpile each material to enhance reuse.	To minimize potential adverse environmental impacts arising from waste storage	Contractor	All work sites	Construction Phase	ETWB TCW No. 19/2005
S8.6.8/ Waste Management Plan	**Storage, Collection and Transportation of Waste (con't)** • Remove waste in timely manner; • Waste collectors should only collect wastes prescribed by their permits; • Impacts during transportation, such as dust and odour, should be mitigated by the use of covered trucks or in enclosed containers; • Obtain relevant waste disposal permits from the appropriate authorities, in accordance with the Waste Disposal Ordinance (Cap. 354), Waste Disposal (Charges for Disposal of Construction Waste) Regulation (Cap. 345) and the Land (Miscellaneous Provisions) Ordinance (Cap. 28); • Waste should be disposed of at licensed waste disposal facilities/ alternative disposal ground approved by RE and DEP; and • Maintain records of quantities of waste generated, recycled and disposed.	To minimize potential adverse environmental impacts arising from waste collection and disposal	Contractor	All work sites	Construction Phase	ETWB TCW No. 19/2005
S8.6.9/ Waste Management Plan	**Storage, Collection and Transportation of Waste (con't)** • Implementation of trip ticket system with reference to DEVB TC(W) No. 6/2010, Trip Ticket System for Disposal of Construction & Demolition Materials, to monitor disposal of waste and to control fly-tipping at PFRFs or landfills. A recording system for the amount of waste generated, recycled and disposed (including disposal sites) should be proposed.	To minimize potential adverse environmental impacts arising from waste collection and disposal	Contractor	All work sites	Construction Phase	DEVB TCW No. 6/2010
S8.6.11 - S8.6.13/ Waste Management Plan	**Sorting of C&D Materials** • Sorting to be performed to recover the inert materials, reusable and recyclable materials before disposal off-site. • Specific areas shall be provided by the Contractors for sorting and to provide temporary storage areas for the sorted materials. • The C&D materials should at least be segregated into inert and non-inert materials, in which the inert portion could be reused and recycled in the reclamation as far as practicable before delivery to PFRFs. While opportunities for reusing the non-inert portion should be investigated before disposal of at designated landfills	To minimize potential adverse environmental	Contractor	All work sites	Construction Phase	DEVB TCW No. 6/2010 ETWB TCW No. 33/2002 ETWB TCW No. 19/2005
	Sediments (con't) • Requirements of the Air Pollution Control (Construction Dust) Regulation, where relevant, shall be adhered to during boring, excavation, transportation and disposal of sediments or cement stabilization of sediment.					

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S8.6.17 – S8.6.20	• A treatment area should be confined for carrying out the cement stabilization mixing and temporary stockpile. The area should be designed to prevent leachate from entering the ground. Leachate, if any, should be collected and discharged according to the Water Pollution Control Ordinance (WPCO). • In order to minimise the potential odour / dust emissions during boring, excavation and transportation of the sediment, the excavated sediments should be kept wet during excavation/boring and should be properly covered when placed on barges/trucks. Loading of the excavated sediment to the barge should be controlled to avoid splashing and overflowing of the sediment slurry to the surrounding water. • In order to minimise the exposure to contaminated materials, workers should, when necessary, wear appropriate personal protective equipments (PPE) when handling contaminated sediments. Adequate washing and cleaning facilities should also be provided on site.	To determine the best handling and treatment of sediment	Contractor	All works areas with sediments concern	Construction Phase	ETWB TCW No. 19/2005

EIA Ref. / EP Submission	Recommended Mitigation Measures	Objectives of the recommended Measures & Main Concerns to address	Who to implement the measures?	Location of the measures	When to Implement the measures?	What requirements or standards for the measures to achieve?
S8.6.24 - S8.6.28/ Waste Management Plan	**Sediments (con't)** • The excavated sediments is expected to be loaded onto the barge and transported to the designated disposal sites allocated by the MFC. The excaveted sediment would be disposed of according to its determined disposal options and ETWB TC(W) No. 34/2002. • Stockpiling of contaminated sediments should be avoided as far as possible. If temporary stockpiling of contaminated sediments is necessary, the excavated sediment should be covered by tarpaulin and the area should be placed within earth bunds or sand bags to prevent leachate from entering the ground, nearby drains and surrounding water bodies. The stockpiling areas should be completely paved or covered by linings in order to avoid contamination to underlying soil or groundwater. Separate and clearly defined areas should be provided for stockpiling of contaminated and uncontaminated materials. Leachate, if any, should be collected and discharged according to the Water Pollution Control Ordinance (WPCO). • In order to minimise the potential odour / dust emissions during boring and transportation of the sediment, the excavated sediments should be kept wet during excavation/boring and should be properly covered when placed on barges. Loading of the excavated sediment to the barge should be controlled to avoid splashing and overflowing of the sediment slurry to the surrounding water. • The barge transporting the sediments to the designated disposal sites should be equipped with tight fitting seals to prevent leakage and should not be filled to a level that would cause overflow of materials or laden water during loading or transportation. In addition, monitoring of the barge loading shall be conducted to ensure that loss of material does not take place during transportation. Transport barges or vessels shall be equipped with automatic self-monitoring devices as specified by the DEP. • In order to minimise the exposure to contaminated materials, workers should, when necessary, wear appropriate personal protective equipments (PPE) when handling contaminated sediments. Adequate washing and cleaning facilities should also be provided on site. • Another possible arrangement for Type 3 disposal is by geosynthetic containment. A geosynthetic containment method is a method whereby the sediments are sealed in geosynthetic containers and, at the disposal site, the containers would be dropped into the designated contaminated mud pit where they would be covered by further mud disposal and later by the mud pit capping, thereby meeting the requirements for fully confined mud disposal.	To ensure handling of sediments are in accordance to statutory requirements	Contractor	All works areas with sediments concern	Construction Phase	ETWB TC(W) No. 34/2002 & Dumping at Sea Ordinance
	Chemical Wastes.					

EIA Ref. / EP Submission	Recommended Mitigation Measures	Objectives of the recommended Measures & Main Concerns to address	Who to implement the measures?	Location of the measures	When to Implement the measures?	What requirements or standards for the measures to achieve?
S8.6.26/ Waste Management Plan	• If chemical wastes are produced at the construction site, the Contractor would be required to register with the EPD as a Chemical Waste Producer and to follow the guidelines stated in the Code of Practice on the Packaging, Labelling and Storage of Chemical Wastes. Good quality containers compatible with the chemical wastes should be used, and incompatible chemicals should be stored separately. Appropriate labels should be securely attached on each chemical waste container indicating the corresponding chemical characteristics of the chemical waste, such as explosive, flammable, oxidizing, irritant, toxic, harmful, corrosive, etc. The Contractor shall use a licensed collector to transport and dispose of the chemical wastes, to either the Chemical Waste Treatment Centre at Tsing Yi, or other licensed facility, in accordance with the Waste Disposal (Chemical Waste) (General) Regulation.	To ensure proper management of chemical waste	Contractor	All works sites	Construction Phase	Code of Practice on the Packaging, Labelling and Storage of Chemical Wastes Waste Disposal (Chemical Waste) (General) Regulation

EIA Ref. / EP Submission	Recommended Mitigation Measures	Objectives of the recommended Measures & Main Concerns to address	Who to implement the measures?	Location of the measures	When to Implement the measures?	What requirements or standards for the measures to achieve?
S8.6.27/ Waste Management Plan	**General Refuse** • General refuse should be stored in enclosed bins or compaction units separate from C&D material. A reputable waste collector should be employed by the contractor to remove general refuse from the site, separately from C&D material. Preferably an enclosed and covered area should be provided to reduce the occurrence of 'wind blown' light material.	To ensure proper management of general refuse	Contractor	All works sites	Construction Phase	Public Health and Municipal Services Ordinance (Cap. 132)
Impact on Cultural Heritage (Construction Phase)						
S9.6.4	**Dust and visual impacts** • Temporarily fenced off buffer zone with allowance for public access (minimum 1 m) should be provided; • The open yard in front of the temple should be kept as usual for annual Tin Hau festival; • Monitoring of vibration impacts should be conducted when the construction works are less than 100m from the temple.	To prevent dust and visual impacts	Contractors	Work areas	Construction Phase	EIAO; GCHIA; AMO
S9.6.4	**Indirect vibration impact** • Vibration level is suggest to be controlled within a peak particle velocity (ppv) limit of 5mm/s measured inside the historical buildings; • Monitoring of vibration should be carried out during construction phase. • Tilting and settlement monitoring should will be applied on the Cha Kwo Ling Tin Hau Temple as well. • A proposal with details for the mitigation measures and monitoring of impacts on built heritage shall be submitted to AMO for comments before commencement of work.	To prevent indirect vibration impact	Contractors	Work areas	Construction Phase	Vibration Limits on Heritage Buildings by CEDD; GCHIA; AMO.
Built Heritage Mitigation Plan	• Established Alert, Alarm and Action Level for the monitoring parameters. • To increase the instrumentation monitoring and reporting frequency. • To propose detailed action plan or contingency plan for the Engineer's approval when AAA Level is reached or exceeded.	To prevent vibration impacts	NE/2015/01	Tin Hau Temple	Construction Phase	Vibration Limits on Heritage Buildings by CEDD; GCHIA; AMO.
Landscape and Visual Impact (Construction Phase)						
Table 10.8.1/ Landscape Mitigation Plan	CM1 - Construction area and contractor's temporary works areas to be minimised to avoid impacts on adjacent landscape.	Avoid impact on adjacent landscape areas	CEDD (via Contractor)	General	Construction planning and during construction period	N/A
Table 10.8.1/ Landscape Mitigation Plan	CM2 - Reduction of construction period to practical minimum.	Minimise duration of impact	CEDD (via Contractor)	N/A	Construction planning	N/A
Table 10.8.1/ Landscape Mitigation Plan	CM3 - Topsoil, where the soil material meets acceptable criteria and where practical, to be stripped and stored for re-use in the construction of the soft landscape works. The Contract Specification shall include storage and reuse of topsoil as appropriate.	To allow re-use of topsoil	CEDD (via Contractor)	General	Site clearance	As per the Particular Specification

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Table 10.8.1/ Landscape Mitigation Plan	CM4 - Existing trees at boundary of site and retained trees within site boundary to be carefully protected during construction. Detailed Tree Protection Specification shall be provided in the Contract Specification, under which the Contractor shall be required to submit, for approval, a detailed working method statement for the protection of trees prior to undertaking any works adjacent to all retained trees, including trees in contractor's works areas. (Tree protection measures will be detailed at Tree Removal Application stage).	To minimize tree loss	CEDD (via Contractor)	As per approved Tree Removal Application(s)	Site clearance and throughout construction period	ETWB TC 3/2006 and as per tree protection measures in Particular Specification

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Table 10.8.1/ Landscape Mitigation Plan	CM5 - Trees unavoidably affected by the works shall be transplanted where practicable. Where possible, trees should be transplanted direct to permanent locations rather than temporary holding nurseries. A detailed tree transplanting specification shall be provided in the Contract Specification and sufficient time for preparation shall be allowed in the construction programme.	To maximize preservation of existing trees	CEDD (via Contractor)	As per approved Tree Removal Application(s)	Site clearance	ETWB TC 3/2006 and as per tree protection measures in Particular Specification
Table 10.8.1/ Landscape Mitigation Plan	CM6 - Advance screen planting of fast growing tree and shrub species to noise barriers and hoardings. Trees shall be capable of reaching a height >10m within 10 years.	To maximize screening of the works	CEDD (via Contractor)	At Lam Tin Interchange and edge of Road P2 landscape deck, TKO	Beginning of construction period	N/A
Table 10.8.1/ Landscape Mitigation Plan	CM7 - Hydroseeding or sheeting of soil stockpiles with visually unobtrusive material	To reduce visual intrusion	CEDD (via Contractor)	General	Throughout construction period	As per Particular Specification
Table 10.8.1/ Landscape Mitigation Plan	CM8 - Control of night-time lighting by hooding all lights and through minimisation of night working periods.	To reduce visual intrusion	CEDD (via Contractor)	General	Throughout construction period	N/A
Table 10.8.1/ Landscape Mitigation Plan	CM9 - Screening of works areas with hoardings with appropriate colours compatible with the surrounding area	Reduction of visual intrusion	CEDD (via Contractor)	Project site Boundary	Excretion of site hoarding	N/A
Table 10.8.1/ Landscape Mitigation Plan	CM10 - Avoidance of excessive height and bulk of site buildings and structure	Reduction of visual intrusion and integration with environment	CEDD (via Contractor)	Built structures	Design and construction stage	N/A
Table 10.8.1/ Landscape Mitigation Plan	CM11 - Limitation of run-off into freshwater streams, ponds and sea areas	Avoidance of contamination of water courses and water bodie	CEDD (via Contractor)	TKO reclamation, TKO tunnel portal, Cha Kwo Ling roadworks	Throughout construction period	N/A
Table 10.8.1	CM12 - Minimise area of reclamation and design the edges sensitively to tie in with adjacent coastline characte	Minimise loss of Junk Bay and integration with existing coastlin	CEDD (via Contractor)	Temporary reclamation for barging points at TKO and Lam Tin and permanent reclamation for TKO Interchange slip roads and Road P2	Construction planning and reclamation stages	N/A
Landfill Gas Hazard (Design and Construction Phase)						
S11.5.9	A Safety Officer, trained in the use of gas detection equipment and landfill gas-related hazards, should be present on site throughout the groundworks phase. The Safety Officer should be provided with an intrinsically safe portable instrument, which is appropriately calibrated and able to measure the following gases in the ranges indicated below: Methane 0-100% LEL and 0100% v/v Carbon dioxide 0-100% Oxygen 0-21%	Protect the workers from landfill gas hazards	Contractor	Project sites within the Sai Tso Wan Landfill Consultation Zone	Construction phase	EPD's Landfill Gas Hazard Assessment Guidance Note

EIA Ref. / EP Submission	Recommended Mitigation Measures	Objectives of the recommended Measures & Main Concerns to address	Who to implement the measures?	Location of the measures	When to Implement the measures?	What requirements or standards for the measures to achieve?
S11.5.10 S11.5.25	**Safety Measures** • For staff who work in, or have responsibility for "at risk" area, such as all excavation workers, supervisors and engineers working within the Consultation Zone, should receive appropriate training on working in areas susceptible to landfill gas, fire and explosion hazards. • An excavation procedure or code of practice to minimize landfill gas related risk should be devised and carried out. • No worker should be allowed to work alone at any time in or near to any excavation. At least one other worker should be available to assist with a rescue if needed. • Smoking, naked flames and all other sources of ignition should be prohibited within 15m of any excavation or ground-level confined space. "No smoking" and "No naked flame" notices should be posted prominently on the construction site and, if necessary, special areas should be designed for smoking. • Welding, flame-cutting or other hot works should be confined to open areas at least 15m from any trench or excavation. • Welding, flame-cutting or other hot works may only be carried out in trenches or confined spaces when controlled by a "permit to work" procedure, properly authorized by the Safety Officer (or, in the case of small developments, other appropriately qualified person). • The permit to work procedure should set down clearly the requirements for continuous monitoring for methane, carbon dioxide and oxygen throughout the period during which the hot works are in progress. The procedure should also require the presence of an appropriately qualified person, in attendance outside the 'confined area', who should be responsible for reviewing the gas measurements as they are made, and who should have executive responsibility for suspending the work in the event of unacceptable or hazardous conditions. Only those workers who are appropriately trained and fully aware of the potentially hazardous conditions which may arise should be permitted to carry out hot works in confined areas. • Where there are any temporary site offices, or any other buildings located within the Sai Tso Wan Landfill Consultation Zone which have enclosed spaces with the capacity to accumulate landfill gas, then they should either be located in an area which has been proven to be free of landfill gas (by survey using portable gas detectors); or be raised clear of the ground by a minimum of 500mm. This aims to create a clear void under the structure which is ventilated by natural air movement such that emission of gas from the ground are mixed and diluted by air. • Any electrical equipment, such as motors and extension cords, should be intrinsically safe. During piping assembly or conduiting construction, all valves/seals should be closed immediately after installation. As construction progresses, all valves/seals should be closed to prevent the migration of gases through the pipeline/conduit. All piping /conduiting should be capped at the end of each working day. • During construction, adequate fire extinguishing equipment, fire-resistant clothing and breathing apparatus (BA) sets should be made available on site. • Fire drills should be organized at not less than six monthly intervals.	Protect the workers from landfill gas hazards	Contractor	Project sites within the Sai Tso Wan Landfill Consultation Zone	Construction phase	EPD's Landfill Gas Hazard Assessment Guidance Note Labour Department's Code of Practice for Safety and Health at Work in Confined Space

EIA Ref. / EP Submission	Recommended Mitigation Measures	Objectives of the recommended Measures & Main Concerns to address	Who to implement the measures?	Location of the measures	When to Implement the measures?	What requirements or standards for the measures to achieve?
S11.5.10 S11.5.25	• The contractor should formulate a health and safety policy, standards and instructions for site personnel to follow. • All personnel who work on the site and all visitors to the site should be made aware of the possibility of ignition of gas in the vicinity of excavations. Safety notices (in Chinese and English) should be posted at prominent position around the site warning danger of the potential hazards. • Service runs within the Consultation Zone should be designated as "special routes"; utilities companies should be informed of this and precautionary measures should be implemented. Precautionary measures should include ensuring that staff members are aware of the potential hazards of working in confined spaces such as manholes and service chambers, and that appropriate monitoring procedures are in place to prevent hazards due to asphyxiating atmospheres in confined spaces. Detailed guidance on entry into confined spaces is given in Code of Practice on Safety and Health at Work in Confined Spaces (Labour Department, Hong Kong). • Periodically during ground-works construction within the 250m Consultation Zone, the works area should be monitored for methane, carbon dioxide and oxygen using appropriately calibrated portable gas detection equipment. The monitoring frequency and areas to be monitored should be set down prior to commencement of ground-works either by the Safety Officer or an approved and appropriately qualified person.					
S11.5.26 - S11.5.31	**Monitoring** ● Routine monitoring should be carried out in all excavations, manholes, chambers, relocation of monitoring wells and any other confined spaces that may have been created. All measurements in excavations should be made with the extended monitoring tube located not more than 10 mm from the exposed ground surface. Monitoring should be performed properly to make sure that the area is free of landfill gas before any man enters into the area. ● For excavations **deeper than 1m**, measurements should be carried out: • at the ground surface before excavation commences;- • immediately before any worker enters the excavation; • at the beginning of each working day for the entire period the excavation remains open; and • periodically throughout the working day whilst workers are in the excavation. ● For excavations **between 300mm and 1m deep**, measurements should be carried out: • directly after the excavation has been completed; and • periodically whilst the excavation remains open. ● For excavations less than 300mm deep, monitoring may be omitted, at the discretion of the Safety Officer or other appropriately qualified person. ● Depending on the results of the measurements, actions required will vary and should be set down by the Safety Officer or other appropriately qualified person. ● The exact frequency of monitoring should be determined prior to the commencement of works, but should be at least once per day, and be carried out by a suitably qualified or qualified person before starting the work of the day. Measurements shall be recorded and kept as a record of safe working conditions with copies of the site diary and submitted to the Engineer for approval. The Contractor may elect to carry out monitoring via an automated monitoring system.	Protect the workers from landfill gas hazards	Contractor	Project sites within the Sai Tso Wan Landfill Consultation Zone	Construction phase	EPD's Landfill Gas Hazard Assessment Guidance Note
	The hazards from landfill gas during the construction stage within the Sai Tso Wan Landfill	construction stage within the Sai Tso Wan		Project sites within the Sai		

EIA Ref. / EP Submission	Recommended Mitigation Measures	Objectives of the recommended Measures & Main Concerns to address	Who to implement the measures?	Location of the measures	When to Implement the measures?	What requirements or standards for the measures to achieve?
S11.5.32	The hazards from landfill gas during the construction stage within the Sai Tso Wan Landfill Consultation Zone should be minimized by suitable precautionary measures recommended in Chapter 8 of the Landfill Gas Hazard Assessment Guidance Note.	Protect the workers from landfill gas hazards	Contractor	Project sites within the Sai Tso Wan Landfill Consultation Zone	Construction phase	EPD's Landfill Gas Hazard Assessment Guidance Note

Table II - Observation / Reminder / Non-compliance made during Site Audit (February 2025)

Key:
- ✓ Observation/reminder was made during site audit but improved/rectified by the contractor in the next site audit
- ✕ Observation/reminder was made during site audit but not yet improved/rectified by the contractor in the next site audit
- # Follow up action will be reported in next reporting month
- ✻ Non-compliance of mitigation measure
- · Non-compliance but improved by the contractor

EIA Ref	Recommended Mitigation Measures	Details of Reminder/Observation	Recorded Date	Status
Air Quality				
--	--	--		
Construction Noise Impact				
--	--	--		
Water Quality Impact				
--	--	--		
Ecological Impact				
--	--	--		
Fisheries Impact				
--	--	--		
Waste Management				
S8.6.8/ Waste Management Plan	· Remove waste in timely manner;	Used cement bags should be removed or disposed of properly	20 Feb 2025	✓
Landscape and Visual Impact				
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Landfill Gas Hazards				
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Table II - Observation / Reminder / Non-compliance made during Site Audit (March 2025)

Key:
- ✓ Observation/reminder was made during site audit but improved/rectified by the contractor in the next site audit
- ✕ Observation/reminder was made during site audit but not yet improved/rectified by the contractor in the next site audit
- # Follow up action will be reported in next reporting month
- ✻ Non-compliance of mitigation measure
- · Non-compliance but improved by the contractor

EIA Ref	Recommended Mitigation Measures	Details of Reminder/Observation	Recorded Date	Status
Air Quality				
S3.8.7	Every stock of more than 20 bags of cement or dry pulverised fuel ash (PFA) should be covered entirely by impervious sheeting or placed in an area sheltered on the top and the 3 sides.	Replace the damaged impervious sheeting for coverage of cement bag stack which is more than 20 bags per stack.	13 Mar 2025	✓
S3.8.7	Open stockpiles shall be avoided or covered. Where possible, prevent placing dusty material storage piles near ASRs.	Cover the exposed exacted dusty material to prevent dust emission.	13 Mar 2025	✓
S3.8.7	Every stock of more than 20 bags of cement or dry pulverised fuel ash (PFA) should be covered entirely by impervious sheeting or placed in an area sheltered on the top and the 3 sides.	More than 20 bags cement bag should be covered properly.	20 Mar 2025	✓
Construction Noise Impact				
--	--	--		
Water Quality Impact				
--	--	--		
Ecological Impact				
--	--	--		
Fisheries Impact				
--	--	--		
Waste Management				
S8.6.8/ Waste Management Plan	Remove waste in timely manner;	The accumulated general refuse should be removed timely.	13 Mar 2025	✓
S8.6.8/ Waste Management Plan	Remove waste in timely manner;	Rubbish should be removed to improve the status of housekeeping.	20 Mar 2025	✓
Landscape and Visual Impact				
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Landfill Gas Hazards				
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Table II - Observation / Reminder / Non-compliance made during Site Audit (April 2025)

Key:
- ✓ Observation/reminder was made during site audit but improved/rectified by the contractor in the next site audit
- ✕ Observation/reminder was made during site audit but not yet improved/rectified by the contractor in the next site audit
- # Follow up action will be reported in next reporting month
- ✻ Non-compliance of mitigation measure
- · Non-compliance but improved by the contractor

EIA Ref	Recommended Mitigation Measures	Details of Reminder/Observation	Recorded Date	Status
Air Quality				
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Construction Noise Impact				
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Water Quality Impact				
S5.8.7	Construction site runoff and drainage should be prevented or minimised in accordance with the guidelines stipulated in the EPD's Practice Note for Professional Persons, Construction Site Drainage (ProPECC PN 1/94). Good housekeeping and stormwater best management practices, as detailed in below, should be implemented to ensure that all construction runoff complies with WPCO standards and no unacceptable impact on the WSRs arises due to construction of the TKO-LT Tunnel. All discharges from the construction site should be controlled to comply with the standards for effluents discharged into the corresponding WCZ under the TM-DSS.	Stagnant water was observed.	30 Apr 2025	#
Ecological Impact				
--	--	--		
Fisheries Impact				
--	--	--		
Waste Management				
--	--	--		
Landscape and Visual Impact				
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Landfill Gas Hazards				
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APPENDIX H
WASTE GENERATED QUANTITY

Trunk Road T2 and Infrastructure Works
for Developments at the Former South Apron
Contract No. ED/2018/04

Name of Department: CEDD

Monthly Summary Waste Flow Table for 2025 (CKL)

Month	Actual Quantities of Inert C&D Materials Generated Monthly						Actual Quantities of C&D Wastes Generated Monthly				
	a.Total Quantity Generated (a=c+d+e)	b. Hard Rock and Large Broken Concrete	c. Reused in the Contract	d. Reused in Other Projects	e. Disposed as Public Fill	f. Imported Fill	g. Metals	h. Paper / Cardboard Packaging	i. Plastics	j. Chemical Waste	k. Others, e.g. general refuse
	(in '000m^3)	(in '000m^3)	(in '000m^3)	(in '000m^3)	(in '000m^3)	(in '000m^3)	(in '000kg)	(in '000kg)	(in '000kg)	(in '000kg)	(in '000m^3)
January	11.536	0.843	0.866	0.259	10.410	0.000	0.000	0.000	0.000	0.000	0.048
February	11.239	1.307	0.589	0.000	10.650	0.000	0.000	0.000	0.000	0.000	0.076
March	4.432	0.820	0.359	0.000	4.074	0.000	0.000	0.000	0.000	0.000	0.075
April	15.886	1.091	0.000	0.000	15.886	0.000	0.000	0.000	0.000	0.000	0.045
May											
June											
Sub-total	43.093	4.062	1.815	0.259	41.020	0.000	0.000	0.000	0.000	0.000	0.243
July											
August											
September											
October											
November											
December											
Total	43.093	4.062	1.815	0.259	41.020	0.000	0.000	0.000	0.000	0.000	0.243

Monthly Summary Waste Flow Table

Notes:

(1)The performance targets are given in ER Appendix 8I Clause 14 and the EM&A Manual(s).

(2)The waste flow table shall also include C&D materials to be imported for use at the Site.

(3)Plastics refer to plastic bottles/containers, plastic sheets/foam from packaging material.

(4)The Contractor shall also submit the latest forecast of the total amount of C&D materials expected to be generated from the Works, together with a breakdown of the nature where the total amount of C&D materials expected to be generated from the Works is equal to or exceeding 50,000 m3. (ER Part 8 Clause 8.8.5 (d) (ii) refers).

Monthly Summary Waste Flow Table For 2025 (CKL)

Month	Actual Quantities of Inert C&D Materials Generated Monthly						Actual Quantities of C&D Waste Generated Monthly							
	Total Quantity Generated	Broken Concrete (see Note 4)	Estimated Quantities (Broken Concrete)	Reused in the Contract	Reused in other Projects	Disposed as Public Fill	Metals	Estimated Quantities (Metals)	Paper/ cardboard packaging	Estimated Quantities (Paper/ cardboard packaging)	Plastics (see Note 3)	Estimated Quantities (Plastics)	Chemical Waste	Others, e.g. general refuse
	(in '000m^3)	(in '000m^3)	(in '000m^3)	(in '000m^3)	(in '000m^3)	(in '000m^3)	(in '000kg)	(in '000kg)	(in '000kg)	(in '000kg)	(in '000kg)	(in '000kg)	(in '000kg)	(tonne)
Jan-25	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Feb-25	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Mar-25	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Apr-25	0	0	0	0	0	0	0	0	0	0	0	0	0	0
May-25														
Jun-25														
Sub-total	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
Jul-25														
Aug-25														
Sep-25														
Oct-25														
Nov-25														
Dec-25														
Total	0	0	0	0	0	0	0	0	0	0	0	0	0	**0**

Notes:

(1) The performance targets are given in PS Sub-clause 2(5) (c).

(2) The waste flow table shall also include C&D materials that are specified in the Contract to be imported for use at the Site.

(3) Plastics refer to plastic bottles/containers, plastic sheets/foam from packaging material.

(4) Broken concrete for recycling into aggregates.

APPENDIX I
SUMMARY OF EXCEEDANCES

Contract No. ED/2018/04
Trunk Road T2 and Infrastructure Works for Developments at the Former South Apron

Appendix I – Summary of Exceedance

Reporting Quarter: February 2025 – April 2025

(A) Exceedance Report for Air Quality

No Action and no Limit Level exceedance of 24hr TSP monitoring were recorded in this reporting quarter.

No Action/ Limit Level exceedance of 1hr TSP monitoring was recorded in this reporting quarter.

(B) Exceedance Report for Construction Noise

No Action Level exceedance was recorded due to the documented complaint in the reporting quarter.

No Limit Level exceedance for construction noise monitoring was recorded in the reporting quarter.

(C) Exceedance Report for Landfill Gas

(NIL in the reporting quarter)

APPENDIX J
SUMMARIES OF ENVIRONMENTAL COMPLAINT, WARNING, SUMMON AND NOTIFICATION OF SUCCESSFUL PROSECUTION

Contract No. ED/2018/04
Trunk Road T2 and Infrastructure Works for Developments at the Former South Apron

Appendix J – Summary of environmental complaint, warning, summon and notification of successful prosecution

Reporting Quarter: February 2025 – April 2025

Log Ref.	Location	Received Date	Details of Complaint/warning/summon and prosecution	Investigation/Mitigation Action	Status
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Remarks: No environmental complaint/warning/summon and prosecution were received in the reporting quarter.

APPENDIX K
EVENT AND ACTION PLAN

Event and Action Plan for Air Quality (Dust)

EVENT	ACTION			
	ET	IEC	ER	CONTRACTOR
Action level being exceeded by one sampling	1. Identify source, investigate the causes of complaint and propose remedial measures; 2. Inform IEC and ER; 3. Repeat measurement to confirm finding; 4. Increase monitoring frequency to daily.	1. Check monitoring data submitted by ET; 2. Check Contractor's working method.	1. Notify Contractor.	1. Rectify any unacceptable practice; 2. Amend working methods if appropriate.
Action level being exceeded by two or more consecutive sampling	1. Identify source; 2. Inform IEC and ER; 3. Advise the ER on the effectiveness of the proposed remedial measures; 4. Repeat measurements to confirm findings; 5. Increase monitoring frequency to daily; 6. Discuss with IEC and Contractor on remedial actions required;	1. Check monitoring data submitted by ET; 2. Check Contractor's working method; 3. Discuss with ET and Contractor on possible remedial measures; 4. Advise the ET on the effectiveness of the proposed remedial measures; 5. Supervise Implementation of remedial measures.	1. Confirm receipt of notification of exceedance in writing; 2. Notify Contractor; 3. Ensure remedial measures properly implemented.	1. Submit proposals for remedial actions to IEC within three working days of notification; 2. Implement the agreed proposals; 3. Amend proposal if appropriate.

EVENT	ACTION			
	ET	**IEC**	**ER**	**CONTRACTOR**
	7. If exceedance continues, arrange meeting with IEC and ER; 8. If exceedance stops, cease additional monitoring.			
Limit level being exceeded by one sampling	1. Identify source, investigate the causes of exceedance and propose remedial measures; 2. Inform Contractor ,IEC, ER, and EPD; 3. Repeat measurement to confirm finding; 4. Increase monitoring frequency to daily; 5. Assess effectiveness of Contractor's remedial actions and keep IEC, EPD and ER informed of the results.	1. Check monitoring data submitted by ET; 2. Check Contractor's working method; 3. Discuss with ET and Contractor on possible remedial measures; 4. Advise the ER on the effectiveness of the proposed remedial measures; 5. Supervise implementation of remedial measures.	1. Confirm receipt of notification of exceedance in writing; 2. Notify Contractor; 3. Ensure remedial measures properly implemented.	1. Take immediate action to avoid further exceedance; 2. Submit proposals for remedial actions to IEC within three working days of notification; 3. Implement the agreed proposals; 4. Amend proposal if appropriate.
Limit level being exceeded by two or more consecutive sampling	1. Notify IEC, ER, Contractor and EPD; 2. Identify source;	1. Discuss amongst ER, ET, and Contractor on the potential remedial actions; 2. Review Contractor's remedial actions whenever necessary to	1. Confirm receipt of notification of exceedance in writing; 2. Notify Contractor; 3. In consolidation with the IEC, agree with the Contractor on the	1. Take immediate action to avoid further exceedance; 2. Submit proposals for remedial actions to IEC within three working days of notification;

EVENT	ACTION			
	ET	**IEC**	**ER**	**CONTRACTOR**
	3. Repeat measurement to confirm findings; 4. Increase monitoring frequency to daily; 5. Carry out analysis of Contractor's working procedures to determine possible mitigation to be implemented; 6. Arrange meeting with IEC and ER to discuss the remedial actions to be taken; 7. Assess effectiveness of Contractor's remedial actions and keep IEC, EPD and ER informed of the results; 8. If exceedance stops, cease additional monitoring.	assure their effectiveness and advise the ER accordingly; 3. Supervise the implementation of remedial measures.	remedial measures to be implemented; 4. Ensure remedial measures properly implemented; 5. If exceedance continues, consider what portion of the work is responsible and instruct the Contractor to stop that portion of work until the exceedance is abated.	3. Implement the agreed proposals; 4. Resubmit proposals if problem still not under control; 5. Stop the relevant portion of works as determined by the ER until the exceedance is abated.

Event and Action Plan for Construction Noise

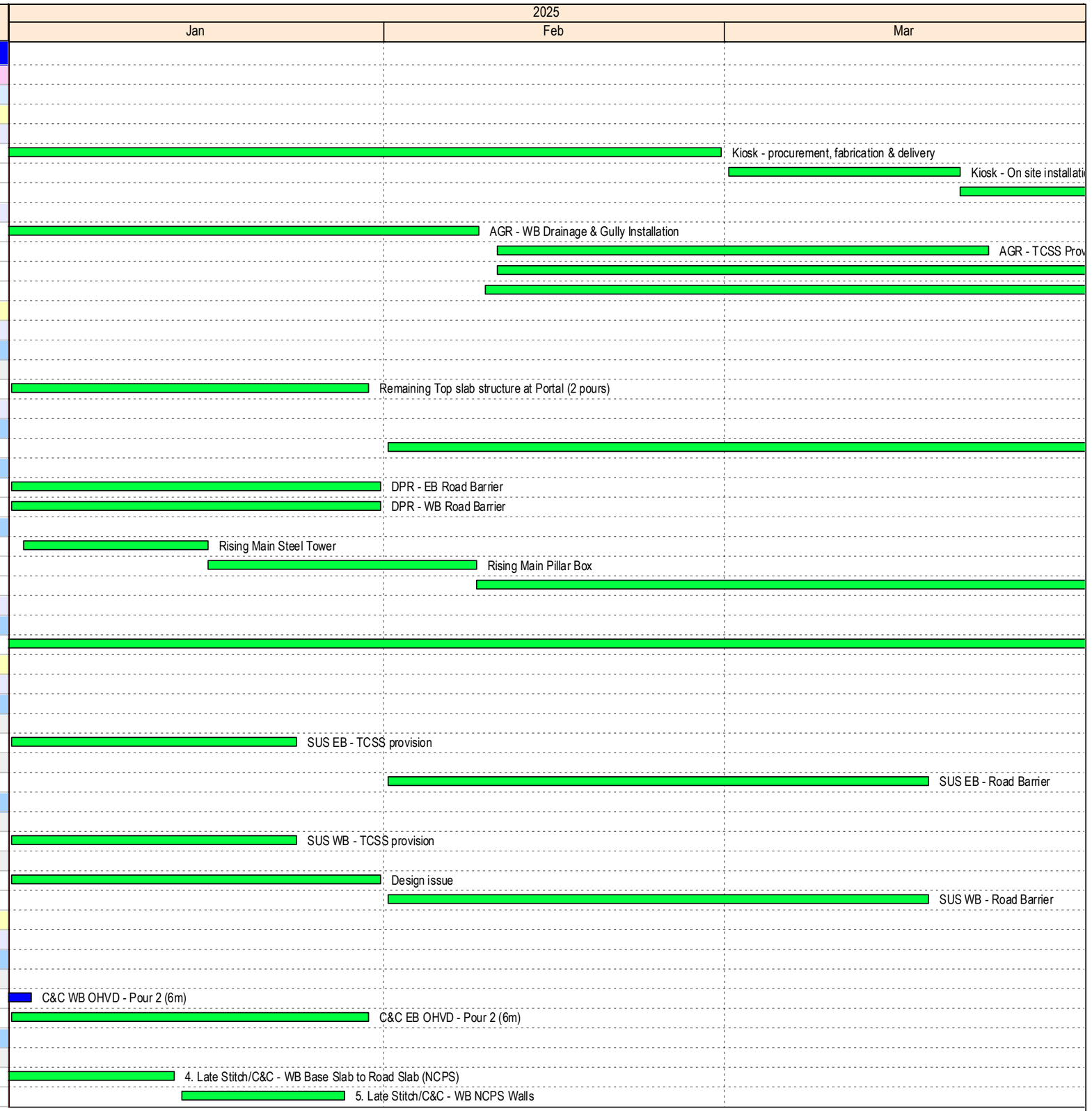
EVENT	ACTION			
	ET	IEC	ER	CONTRACTOR
Action Level	1. Notify IEC and Contractor; 2. Carry out investigation; 3. Report the results of investigation to the IEC, ER and Contractor; 4. Discuss with the Contractor and formulate remedial measures; 5. Increase monitoring frequency to check mitigation effectiveness.	1. Review the analysed results submitted by the ET; 2. Review the proposed remedial measures by the Contractor and advise the ER accordingly; 3. Supervise the implementation of remedial measures.	1. Confirm receipt of notification of failure in writing; 2. Notify Contractor; 3. Require Contractor to propose remedial measures for the analysed noise problem; 4. Ensure remedial measures are properly implemented.	1. Submit noise mitigation proposals to IEC; 2. Implement noise mitigation proposals.
Limit Level	1. Identify source; 2. Inform IEC, ER, EPD and Contractor; 3. Repeat measurements to confirm findings; 4. Increase monitoring frequency; 5. Carry out analysis of Contractor's working procedures to determine possible mitigation to be implemented; 6. Inform IEC, ER and EPD the causes and actions taken for the exceedances; 7. Assess effectiveness of Contractor's remedial actions and keep IEC, EPD and ER informed of the results; 8. If exceedance stops, cease additional monitoring.	1. Discuss amongst ER, ET, and Contractor on the potential remedial actions; 2. Review Contractors remedial actions whenever necessary to assure their effectiveness and advise the ER accordingly; 3. Supervise the implementation of remedial measures.	1. Confirm receipt of notification of failure in writing; 2. Notify Contractor; 3. Require Contractor to propose remedial measures for the analysed noise problem; 4. Ensure remedial measures properly implemented; 5. If exceedance continues, consider what portion of the work is responsible and instruct the Contractor to stop that portion of work until the exceedance is abated.	1. Take immediate action to avoid further exceedance; 2. Submit proposals for remedial actions to IEC within 3 working days of notification; 3. Implement the agreed proposals; 4. Resubmit proposals if problem still not under control; 5. Stop the relevant portion of works as determined by the ER until the exceedance is abated.

Limit Levels and Action Plan for Landfill Gas

Parameter	Limit Level	Action
Oxygen	<19%	• Ventilate to restore oxygen to >19%
	<18%	• Stop works • Evacuate personnel/prohibit entry • Increase ventilation to restore oxygen to >19%
Methane	>10% LEL (i.e. > 0.5% by volume)	• Prohibit hot works • Ventilate to restore methane to <10% LEL
	>20% LEL (i.e. > 1% by volume)	• Stop works • Evacuate personnel / prohibit entry • Increase ventilation to restore methane to <10% LEL
Carbon Dioxide	>0.5%	• Ventilate to restore carbon dioxide to < 0.5%
	>1.5%	• Stop works • Evacuate personnel / prohibit entry • Increase ventilation to restore carbon dioxide to <0.5%

APPENDIX L
CONSTRUCTION PROGRAMME

Activity ID	Activity Name	Dur	Start	Finish
HKT2 P65Bis Programme DD 01Jan25		577	26-Nov-23 A	25-Jun-25
Construction		577	26-Nov-23 A	25-Jun-25
Trunk Road T2		577	26-Nov-23 A	25-Jun-25
02 At-Grade Road - AGR		299	15-Jun-24 A	09-Apr-25
Kiosk		117	15-Nov-24 A	09-Apr-25
AGR1030	Kiosk - procurement, fabrication & delivery	85	15-Nov-24 A	28-Feb-25
AGR1060	Kiosk - On site installation	16	01-Mar-25	20-Mar-25
AGR1070	Kiosk - Finishing works	16	20-Mar-25	09-Apr-25
AGR - Road & Drainage works		299	15-Jun-24 A	09-Apr-25
AGR1020	AGR - WB Drainage & Gully Installation	195	15-Jun-24 A	08-Feb-25
AGR1021	AGR - TCSS Provision CH5860-5962	36	10-Feb-25	22-Mar-25
AGR1040	AGR - EB Drainage & Gully Installation	49	10-Feb-25	08-Apr-25
AGR1050	AGR - WB Road Side Barrier	60	09-Feb-25	09-Apr-25
03 Depressed Road - DPR		136	30-Nov-24 A	14-Apr-25
DPR - Structure Works		30	01-Jan-25	30-Jan-25
DPR - Remaining Structure		30	01-Jan-25	30-Jan-25
MJ		30	01-Jan-25	30-Jan-25
A229450060	Remaining Top slab structure at Portal (2 pours)	30	01-Jan-25	30-Jan-25
DPR - Road Works		104	01-Jan-25	14-Apr-25
Sign Gantry		59	01-Feb-25	31-Mar-25
DPR10030	DPR - Sign Gantry & Civil Provision	59	01-Feb-25	31-Mar-25
Street Furniture		31	01-Jan-25	31-Jan-25
DPR10020	DPR - EB Road Barrier	31	01-Jan-25	31-Jan-25
DPR10090	DPR - WB Road Barrier	31	01-Jan-25	31-Jan-25
Rising Main		84	02-Jan-25	14-Apr-25
A229449960	Rising Main Steel Tower	14	02-Jan-25	17-Jan-25
A229449970	Rising Main Pillar Box	16	17-Jan-25	08-Feb-25
A229426391	DPR - E&M - Sump pit pumps and watermain installation	54	08-Feb-25	14-Apr-25
DPR - Final Works		122	30-Nov-24 A	31-Mar-25
GRC Panel		122	30-Nov-24 A	31-Mar-25
DPR10040	DPR - GRC Panel installation	122	30-Nov-24 A	31-Mar-25
05 Supporting Underground Structure - SUS		76	01-Jan-25	17-Mar-25
SUS - Tunnel Civil Works		76	01-Jan-25	17-Mar-25
Eastbound TCW		76	01-Jan-25	17-Mar-25
EB TCSS provision		24	01-Jan-25	24-Jan-25
SUS10070	SUS EB - TCSS provision	24	01-Jan-25	24-Jan-25
EB Road Barrier		45	01-Feb-25	17-Mar-25
SUS10060	SUS EB - Road Barrier	45	01-Feb-25	17-Mar-25*
Westbound TCW		76	01-Jan-25	17-Mar-25
WB TCSS provision		24	01-Jan-25	24-Jan-25
SUS10090	SUS WB - TCSS provision	24	01-Jan-25	24-Jan-25
WB Road Barrier		76	01-Jan-25	17-Mar-25
A229450170	Design issue	31	01-Jan-25	31-Jan-25
SUS10080	SUS WB - Road Barrier	45	01-Feb-25	17-Mar-25
06 Launching Shaft & C&C Tunnel - LSCC		209	28-Sep-24 A	24-Apr-25
LSCC - Structure works		193	28-Sep-24 A	08-Apr-25
Cut & Cover Tunnel		61	01-Dec-24 A	30-Jan-25
C&C OHVD		61	01-Dec-24 A	30-Jan-25
LSCC10215	C&C WB OHVD - Pour 2 (6m)	33	01-Dec-24 A	03-Jan-25 A
LSCC10235	C&C EB OHVD - Pour 2 (6m)	30	01-Jan-25	30-Jan-25
Launching Shaft		193	28-Sep-24 A	08-Apr-25
Late Stitch/C&C		115	15-Dec-24 A	08-Apr-25
LSCC10330	4. Late Stitch/C&C - WB Base Slab to Road Slab (NCPS)	31	15-Dec-24 A	14-Jan-25
LSCC10340	5. Late Stitch/C&C - WB NCPS Walls	14	15-Jan-25	28-Jan-25



◆ Milestones
Planned Bar
Actual Bar

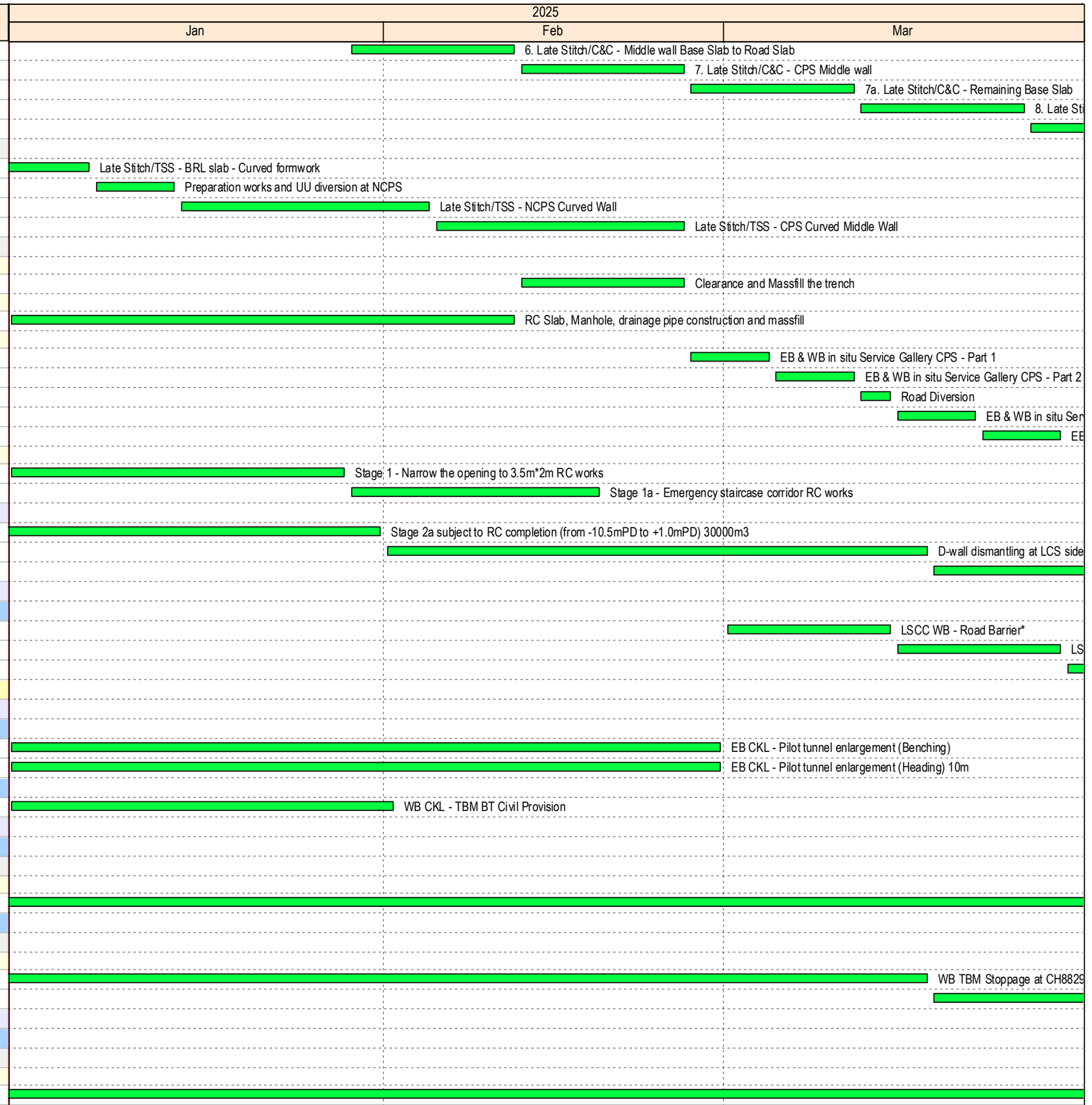
ED/2018/04 Trunk Road T2 and Infrastructure Works for Developments at South Apron

Three Months Rolling Programme (Jan25-Mar25)

BOUYGUES TRAVAUX PUBLICS

Date	Revision	Checked	Approved

Activity ID	Activity Name	Dur	Start	Finish
LSCC10350	6. Late Stitch/C&C - Middle wall Base Slab to Road Slab	14	29-Jan-25	11-Feb-25
LSCC10360	7. Late Stitch/C&C - CPS Middle wall	14	12-Feb-25	25-Feb-25
LSCC10361	7a. Late Stitch/C&C - Remaining Base Slab	14	26-Feb-25	11-Mar-25
LSCC10390	8. Late Stitch/C&C - EB Base Slab to Road Slab (NCPS)	14	12-Mar-25	25-Mar-25
LSCC10400	9. Late Stitch/C&C - EB NCPS Walls	14	26-Mar-25	08-Apr-25
Headwall/TSS		151	28-Sep-24 A	25-Feb-25
LSCC10320	Late Stitch/TSS - BRL slab - Curved formwork	102	28-Sep-24 A	07-Jan-25
LSCC10369	Preparation works and UU diversion at NCPS	7	08-Jan-25	14-Jan-25
LSCC10370	Late Stitch/TSS - NCPS Curved Wall	21	15-Jan-25	04-Feb-25
LSCC10380	Late Stitch/TSS - CPS Curved Middle Wall	21	05-Feb-25	25-Feb-25
LS - Miscellaneous Structural Openings		87	01-Jan-25	28-Mar-25
01 Massfill at cable trench (subject to temporary cable relocation)		14	12-Feb-25	25-Feb-25
A229448630	Clearance and Massfill the trench	14	12-Feb-25	25-Feb-25
02 Road slab opening & Drainage works (subject to temporary cable relocation)		42	01-Jan-25	11-Feb-25
A229448640	RC Slab, Manhole, drainage pipe construction and massfill	42	01-Jan-25	11-Feb-25
04 In situ SG at LS/TSS connection (subject to temporary works to maintain tunn		31	26-Feb-25	28-Mar-25
A229448570	EB & WB in situ Service Gallery CPS - Part 1	7	26-Feb-25	04-Mar-25
A229448580	EB & WB in situ Service Gallery CPS - Part 2	7	05-Mar-25	11-Mar-25
A229448581	Road Diversion	3	12-Mar-25	14-Mar-25
A229448590	EB & WB in situ Service Gallery NCPS - Part 1	7	15-Mar-25	21-Mar-25
A229448600	EB & WB in situ Service Gallery NCPS - Part 2	7	22-Mar-25	28-Mar-25
05 RC works at MIMEP Opening for Service Galleries Works (subject to BYME &		49	01-Jan-25	18-Feb-25
A229448650	Stage 1 - Narrow the opening to 3.5m*2m RC works	28	01-Jan-25*	28-Jan-25
A229449020	Stage 1a - Emergency staircase corridor RC works	21	29-Jan-25	18-Feb-25
LSCC - Backfilling & Dwall Dismantling		206	01-Oct-24 A	24-Apr-25
A229447770	Stage 2a subject to RC completion (from -10.5mPD to +1.0mPD) 3	123	01-Oct-24 A	31-Jan-25
A229447780	D-wall dismantling at LCS side (from +1.0mPD to +4.0mPD) TBC	45	01-Feb-25	17-Mar-25
A229447781	D-wall dismantling (from +1.0mPD to +4.0mPD) ~3050 m3 TBC	38	18-Mar-25	24-Apr-25
LSCC - Tunnel Civil Works		42	01-Mar-25	11-Apr-25
Westbound TCW		42	01-Mar-25	11-Apr-25
LSCC10040	LSCC WB - Road Barrier*	14	01-Mar-25*	14-Mar-25
LSCC10060	LSCC WB - Fireboard	14	15-Mar-25	28-Mar-25
LSCC10080	LSCC WB - E&M brackets	14	29-Mar-25	11-Apr-25
07 Tunnel Sub-sea (TSS)		517	26-Nov-23 A	26-Apr-25
Tunnel Advance Excavation - D&Br from CKL		59	01-Jan-25	28-Feb-25
Eastbound Pilot Tunnel		59	01-Jan-25	28-Feb-25
CKL1130	EB CKL - Pilot tunnel enlargement (Benching)	59	01-Jan-25	28-Feb-25
CKL1140	EB CKL - Pilot tunnel enlargement (Heading) 10m	59	01-Jan-25	28-Feb-25
Westbound Pre-Tunnel		32	01-Jan-25	01-Feb-25
CKL1100	WB CKL - TBM BT Civil Provision	32	01-Jan-25	01-Feb-25
Tunnel Excavation - TBM from Kai Tak		418	11-Feb-24 A	03-Apr-25
Eastbound (EB) - TBM S1282		414	11-Feb-24 A	30-Mar-25
TBM Tunnelling		414	11-Feb-24 A	30-Mar-25
CP21-26		414	11-Feb-24 A	30-Mar-25
EBTBM1250	EB TBM stop (restart target under review due to uncertainty)	414	11-Feb-24 A	30-Mar-25
Westbound (WB) - TBM S1281		144	11-Nov-24 A	03-Apr-25
TBM Tunneling		144	11-Nov-24 A	03-Apr-25
CP26-31		144	11-Nov-24 A	03-Apr-25
A229449562A	WB TBM Stoppage at CH8829 (Pilot tunnel section)	127	11-Nov-24 A	17-Mar-25
A229449562C	WB TBM Tunnelling CH8829-8875 (Pilot tunnel section)	17	18-Mar-25	03-Apr-25
Tunnel Civil Works before TBM breakthough		517	26-Nov-23 A	26-Apr-25
Eastbound (EB)		517	26-Nov-23 A	26-Apr-25
Service Gallery		322	08-Mar-24 A	26-Apr-25
CP21-26		322	08-Mar-24 A	26-Apr-25
A229446190	EB TSS - ISIG Stoppage at CH8446	322	08-Mar-24 A	26-Apr-25



◆ Milestones
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Actual Bar

ED/2018/04 Trunk Road T2 and Infrastructure Works for Developments at South Apron

Three Months Rolling Programme (Jan25-Mar25)

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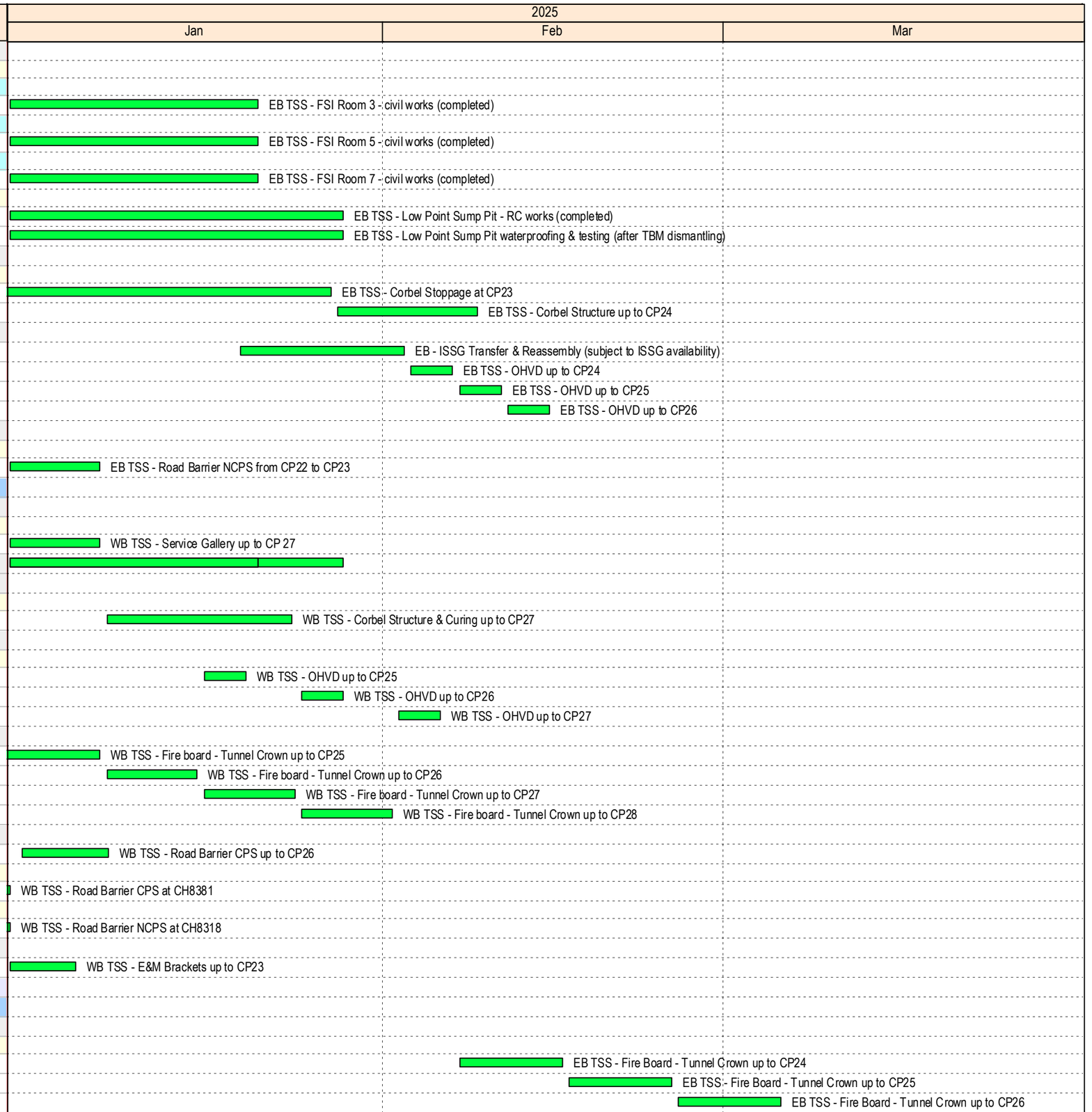
Date	Revision	Checked	Approved

Activity ID	Activity Name	Dur	Start	Finish
Below Road Level Installation		28	01-Jan-25	28-Jan-25
FSI Room		21	01-Jan-25	21-Jan-25
FSI Room 3 @ CP14		21	01-Jan-25	21-Jan-25
A229450010	EB TSS - FSI Room 3 - civil works (completed)	21	01-Jan-25	21-Jan-25
FSI Room 5 @ CP16		21	01-Jan-25	21-Jan-25
A229450000	EB TSS - FSI Room 5 - civil works (completed)	21	01-Jan-25	21-Jan-25
FSI Room 7 @ CP21		21	01-Jan-25	21-Jan-25
A229449990	EB TSS - FSI Room 7 - civil works (completed)	21	01-Jan-25	21-Jan-25
Low Point @ CP12		28	01-Jan-25	28-Jan-25
TC11320	EB TSS - Low Point Sump Pit - RC works (completed)	28	01-Jan-25	28-Jan-25
TC11330	EB TSS - Low Point Sump Pit waterproofing & testing (after TBM c	28	01-Jan-25	28-Jan-25
Corbel		441	26-Nov-23 A	08-Feb-25
CP21-26		441	26-Nov-23 A	08-Feb-25
A229415982	EB TSS - Corbel Stoppage at CP23	429	26-Nov-23 A	27-Jan-25
A229415952	EB TSS - Corbel Structure up to CP24	8	28-Jan-25	08-Feb-25
OHVD		26	20-Jan-25	14-Feb-25
TC305	EB - ISSG Transfer & Reassembly (subject to ISSG availability)	14	20-Jan-25*	02-Feb-25
TC320	EB TSS - OHVD up to CP24	4	03-Feb-25	06-Feb-25
TC330	EB TSS - OHVD up to CP25	4	07-Feb-25	10-Feb-25
TC340	EB TSS - OHVD up to CP26	4	11-Feb-25	14-Feb-25
Road Barrier		8	01-Jan-25	08-Jan-25
NCPS		8	01-Jan-25	08-Jan-25
TC10150	EB TSS - Road Barrier NCPS from CP22 to CP23	8	01-Jan-25	08-Jan-25
Westbound (WB)		269	13-May-24 A	05-Feb-25
Service Gallery		8	01-Jan-25	08-Jan-25
CP26-31		8	01-Jan-25	08-Jan-25
A229424680	WB TSS - Service Gallery up to CP 27	8	01-Jan-25	08-Jan-25
Below Road Level Installation		28	01-Jan-25	28-Jan-25
Corbel		14	09-Jan-25	24-Jan-25
CP21-26		14	09-Jan-25	24-Jan-25
A229415242	WB TSS - Corbel Structure & Curing up to CP27	14	09-Jan-25	24-Jan-25
OHVD		20	17-Jan-25	05-Feb-25
CP26-30		20	17-Jan-25	05-Feb-25
TC3120	WB TSS - OHVD up to CP25	4	17-Jan-25	20-Jan-25
TC3130	WB TSS - OHVD up to CP26	4	25-Jan-25	28-Jan-25
TC3140	WB TSS - OHVD up to CP27	4	02-Feb-25	05-Feb-25
Fire Board - Tunnel Crown		154	01-Sep-24 A	01-Feb-25
D12535	WB TSS - Fire board - Tunnel Crown up to CP25	130	01-Sep-24 A	08-Jan-25
D12545	WB TSS - Fire board - Tunnel Crown up to CP26	8	09-Jan-25	16-Jan-25
D12555	WB TSS - Fire board - Tunnel Crown up to CP27	8	17-Jan-25	24-Jan-25
D12565	WB TSS - Fire board - Tunnel Crown up to CP28	8	25-Jan-25	01-Feb-25
Road Barrier		241	13-May-24 A	09-Jan-25
A229447850	WB TSS - Road Barrier CPS up to CP26	6	02-Jan-25	09-Jan-25
CPS		233	13-May-24 A	01-Jan-25
TC10800	WB TSS - Road Barrier CPS at CH8381	233	13-May-24 A	01-Jan-25
NCPS		226	20-May-24 A	01-Jan-25
TC11000	WB TSS - Road Barrier NCPS at CH8318	226	20-May-24 A	01-Jan-25
E&M Brackets		6	01-Jan-25	06-Jan-25
TC11060	WB TSS - E&M Brackets up to CP23	6	01-Jan-25	06-Jan-25
Tunnel Civil Works after TBM breakthough		27	07-Feb-25	05-Mar-25
Eastbound (EB)		27	07-Feb-25	05-Mar-25
Fire Board - Tunnel Crown with deletion up to Ch8850		27	07-Feb-25	05-Mar-25
CP21-26		27	07-Feb-25	05-Mar-25
TC560	EB TSS - Fire Board - Tunnel Crown up to CP24	9	07-Feb-25	15-Feb-25
TC570	EB TSS - Fire Board - Tunnel Crown up to CP25	9	16-Feb-25	24-Feb-25
TC580	EB TSS - Fire Board - Tunnel Crown up to CP26	9	25-Feb-25	05-Mar-25



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ED/2018/04 Trunk Road T2 and Infrastructure Works for Developments at South Apron

Three Months Rolling Programme (Jan25-Mar25)

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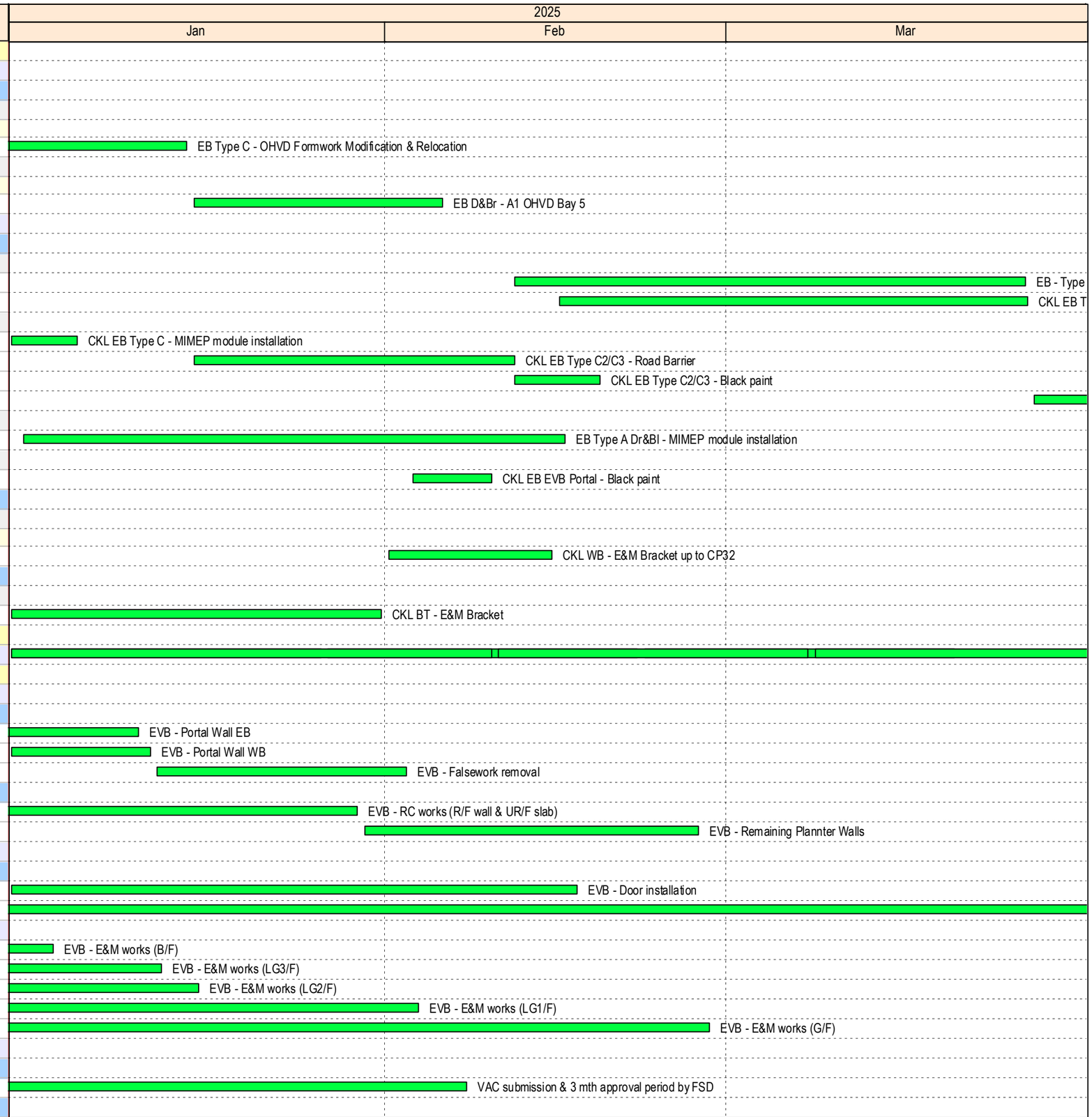
Date	Revision	Checked	Approved

Activity ID	Activity Name	Dur	Start	Finish
08 CKL Tunnel		148	25-Nov-24 A	21-Apr-25
Tunnel Structure before TBM breakthrough		73	25-Nov-24 A	05-Feb-25
Eastbound (EB)		73	25-Nov-24 A	05-Feb-25
EB Type C		42	25-Nov-24 A	15-Jan-25
OHVD		42	25-Nov-24 A	15-Jan-25
A2050	EB Type C - OHVD Formwork Modification & Relocation	42	25-Nov-24 A	15-Jan-25
EB Type A D&Br		21	16-Jan-25	05-Feb-25
OHVD		21	16-Jan-25	05-Feb-25
A1800	EB D&Br - A1 OHVD Bay 5	21	16-Jan-25	05-Feb-25
Tunnel Civil Works before TBM breakthrough		111	01-Jan-25	21-Apr-25
Eastbound (EB)		111	01-Jan-25	21-Apr-25
EB Type A		42	11-Feb-25	25-Mar-25
A229444530	EB - Type A - Road Barrier	36	11-Feb-25	25-Mar-25
A8980	CKL EB Type A - E&M Bracket	39	15-Feb-25	25-Mar-25
EB Type C		111	01-Jan-25	21-Apr-25
A229450140	CKL EB Type C - MIMEP module installation	6	01-Jan-25	06-Jan-25
A229444520	CKL EB Type C2/C3 - Road Barrier	27	16-Jan-25	11-Feb-25
A229450120	CKL EB Type C2/C3 - Black paint	7	11-Feb-25	18-Feb-25
A229450110	CKL EB Type C2/C3 - E&M Bracket	27	26-Mar-25	21-Apr-25
EB Type A D&Br		36	02-Jan-25	15-Feb-25
A229444700	EB Type A Dr&BI - MIMEP module installation	36	02-Jan-25	15-Feb-25
EB EVB Portal		7	03-Feb-25	09-Feb-25
A229450160	CKL EB EVB Portal - Black paint	7	03-Feb-25	09-Feb-25
Westbound (WB)		14	01-Feb-25	14-Feb-25
WB Type A		14	01-Feb-25	14-Feb-25
E&M Brackets		14	01-Feb-25	14-Feb-25
A229450100	CKL WB - E&M Bracket up to CP32	14	01-Feb-25	14-Feb-25
Branch Tunnel (S01)		31	01-Jan-25	31-Jan-25
E&M Brackets		31	01-Jan-25	31-Jan-25
A229450090	CKL BT - E&M Bracket	31	01-Jan-25	31-Jan-25
09 Cross Passages		133	01-Jan-25	13-May-25
Cross Passages @ CKL Tunnel (CP30 to CP33)		133	01-Jan-25	13-May-25
10 East Ventilation Building - EVB		382	15-Mar-24 A	31-Mar-25
Structure Works		145	05-Oct-24 A	26-Feb-25
LG2/F Walls & LG1/F Slab		72	23-Nov-24 A	02-Feb-25
EVB1320	EVB - Portal Wall EB	50	23-Nov-24 A	11-Jan-25
EVB1715	EVB - Portal Wall WB	12	01-Jan-25	12-Jan-25
EVB1800	EVB - Falsework removal	21	13-Jan-25	02-Feb-25
R/F Walls & UR/F Slab		145	05-Oct-24 A	26-Feb-25
EVB1480	EVB - RC works (R/F wall & UR/F slab)	117	05-Oct-24 A	29-Jan-25
EVB1520	EVB - Remaining Plannter Walls	28	30-Jan-25	26-Feb-25
ABWF Works		142	10-Nov-24 A	31-Mar-25
ABWF - Door & Louvre installation		142	10-Nov-24 A	31-Mar-25
EVB1510	EVB - Door installation	47	01-Jan-25*	16-Feb-25
EVB1530	EVB - Louvre installation	142	10-Nov-24 A	31-Mar-25
E&M Works (by BYME)		283	15-Mar-24 A	27-Feb-25
EVB1210	EVB - E&M works (B/F)	240	15-Mar-24 A	04-Jan-25
EVB1300	EVB - E&M works (LG3/F)	215	26-Apr-24 A	13-Jan-25
EVB1360	EVB - E&M works (LG2/F)	199	21-May-24 A	16-Jan-25
EVB1440	EVB - E&M works (LG1/F)	170	10-Jul-24 A	03-Feb-25
EVB1500	EVB - E&M works (G/F)	167	07-Aug-24 A	27-Feb-25
Statutory Procedures		185	11-Sep-24 A	14-Mar-25
GBP & VAC submission		46	24-Dec-24 A	07-Feb-25
EVB1580	VAC submission & 3 mth approval period by FSD	46	24-Dec-24 A	07-Feb-25
Power Engerization		35	29-Nov-24 A	03-Jan-25 A



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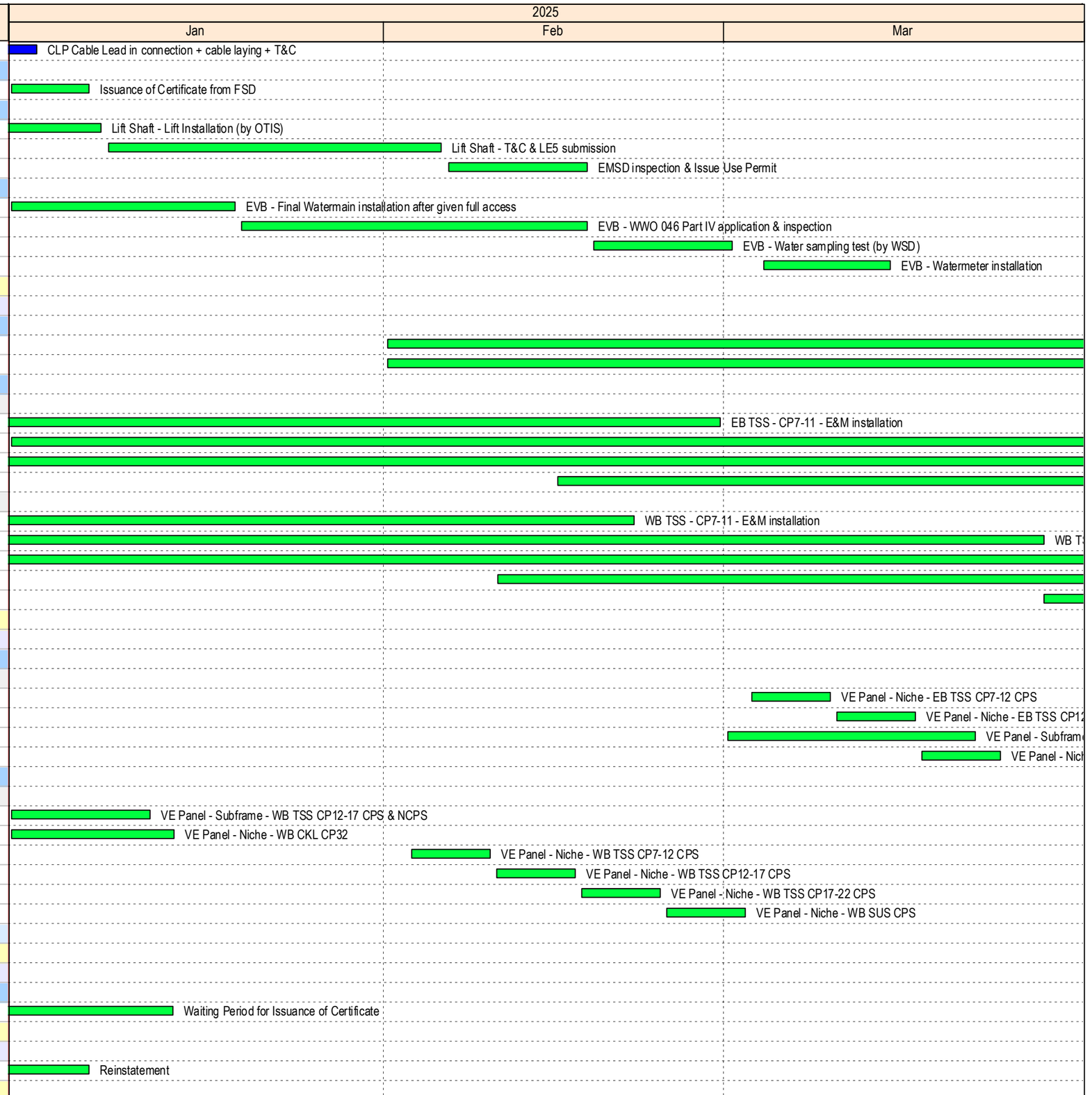
Activity ID	Activity Name	Dur	Start	Finish
EVB1395	CLP Cable Lead in connection + cable laying + T&C	35	29-Nov-24 A	03-Jan-25 A
Dangerous Goods Licenses		7	01-Jan-25	07-Jan-25
EVB1340	Issuance of Certificate from FSD	7	01-Jan-25	07-Jan-25
Lift Installation		160	11-Sep-24 A	17-Feb-25
EVB1370	Lift Shaft - Lift Installation (by OTIS)	120	11-Sep-24 A	08-Jan-25
EVB1430	Lift Shaft - T&C & LE5 submission	28	09-Jan-25	05-Feb-25
EVB1450	EMSD inspection & Issue Use Permit	12	06-Feb-25	17-Feb-25
FS Water Supply		73	01-Jan-25	14-Mar-25
EVB1410	EVB - Final Watermain installation after given full access	19	01-Jan-25	19-Jan-25
EVB1460	EVB - WWO 046 Part IV application & inspection	29	20-Jan-25	17-Feb-25
EVB1470	EVB - Water sampling test (by WSD)	12	18-Feb-25	01-Mar-25
EVB1490	EVB - Watermeter installation	11	04-Mar-25	14-Mar-25
11 Tunnel E&M Installation		317	12-Aug-24 A	25-Jun-25
E&M - Cabling works		317	12-Aug-24 A	25-Jun-25
AGR & DPR		120	01-Feb-25	31-May-25
DPR10060	DPR - EB E&M Installation	120	01-Feb-25	31-May-25
DPR10080	DPR - WB E&M Installation	120	01-Feb-25	31-May-25
SUS to CKL		317	12-Aug-24 A	25-Jun-25
Eastbound		238	20-Sep-24 A	15-May-25
E&MC1050	EB TSS - CP7-11 - E&M installation	162	20-Sep-24 A	28-Feb-25
E&MC1080	EB TSS - CP11-16 E&M installation	90	01-Jan-25*	31-Mar-25
E&MC1010	EB SUS - E&M Installation	181	22-Oct-24 A	20-Apr-25
E&MC1100	EB TSS - CP16-22 E&M installation	90	15-Feb-25	15-May-25
Westbound		317	12-Aug-24 A	25-Jun-25
E&MC1041	WB TSS - CP7-11 - E&M installation	194	12-Aug-24 A	21-Feb-25
E&MC1060	WB TSS - CP11-16 E&M installation	181	27-Sep-24 A	27-Mar-25
E&MC1030	WB SUS - E&M Installation	189	25-Oct-24 A	01-May-25
E&MC1070	WB TSS - CP16-21 E&M installation	90	10-Feb-25	11-May-25
E&MC1090	WB TSS - CP21-24 E&M installation	90	27-Mar-25	25-Jun-25
14 Projectwide Final Works		82	01-Jan-25	23-Mar-25
Tunnel Cladding (VE Panel)		82	01-Jan-25	23-Mar-25
Eastbound		23	01-Mar-25	23-Mar-25
Typical Subframe & Niche		23	01-Mar-25	23-Mar-25
VE10431	VE Panel - Niche - EB TSS CP7-12 CPS	7	03-Mar-25*	09-Mar-25
VE10441	VE Panel - Niche - EB TSS CP12-17 CPS	7	10-Mar-25*	16-Mar-25
VE10260	VE Panel - Subframe - EB TSS CP7-12 CPS & NCPS	21	01-Mar-25*	21-Mar-25
VE10451	VE Panel - Niche - EB TSS CP17-22 CPS	7	17-Mar-25*	23-Mar-25
Westbound		61	01-Jan-25	02-Mar-25
Typical Subframe & Niche		61	01-Jan-25	02-Mar-25
VE10070	VE Panel - Subframe - WB TSS CP12-17 CPS & NCPS	12	01-Jan-25*	12-Jan-25
VE10381	VE Panel - Niche - WB CKL CP32	14	01-Jan-25	14-Jan-25
VE10401	VE Panel - Niche - WB TSS CP7-12 CPS	7	03-Feb-25*	09-Feb-25
VE10391	VE Panel - Niche - WB TSS CP12-17 CPS	7	10-Feb-25*	16-Feb-25
VE10411	VE Panel - Niche - WB TSS CP17-22 CPS	7	17-Feb-25	23-Feb-25
VE10421	VE Panel - Niche - WB SUS CPS	7	24-Feb-25	02-Mar-25
Infrastructure Works		434	24-Feb-24 A	02-May-25
05 Common Uitility Enclosure (CUE) (KD-39)		44	21-Nov-24 A	14-Jan-25
VO - Plantroom for CUE Sprinkler System		44	21-Nov-24 A	14-Jan-25
Overall T&C and FSI		44	21-Nov-24 A	14-Jan-25
CUE10551	Waiting Period for Issuance of Certificate	44	21-Nov-24 A	14-Jan-25
06 Road S20		47	22-Nov-24 A	07-Jan-25
VO - KFR Watermain modification		47	22-Nov-24 A	07-Jan-25
A229449010	Reinstatement	47	22-Nov-24 A	07-Jan-25
07 Road L10(N)		122	01-Jan-25	02-May-25



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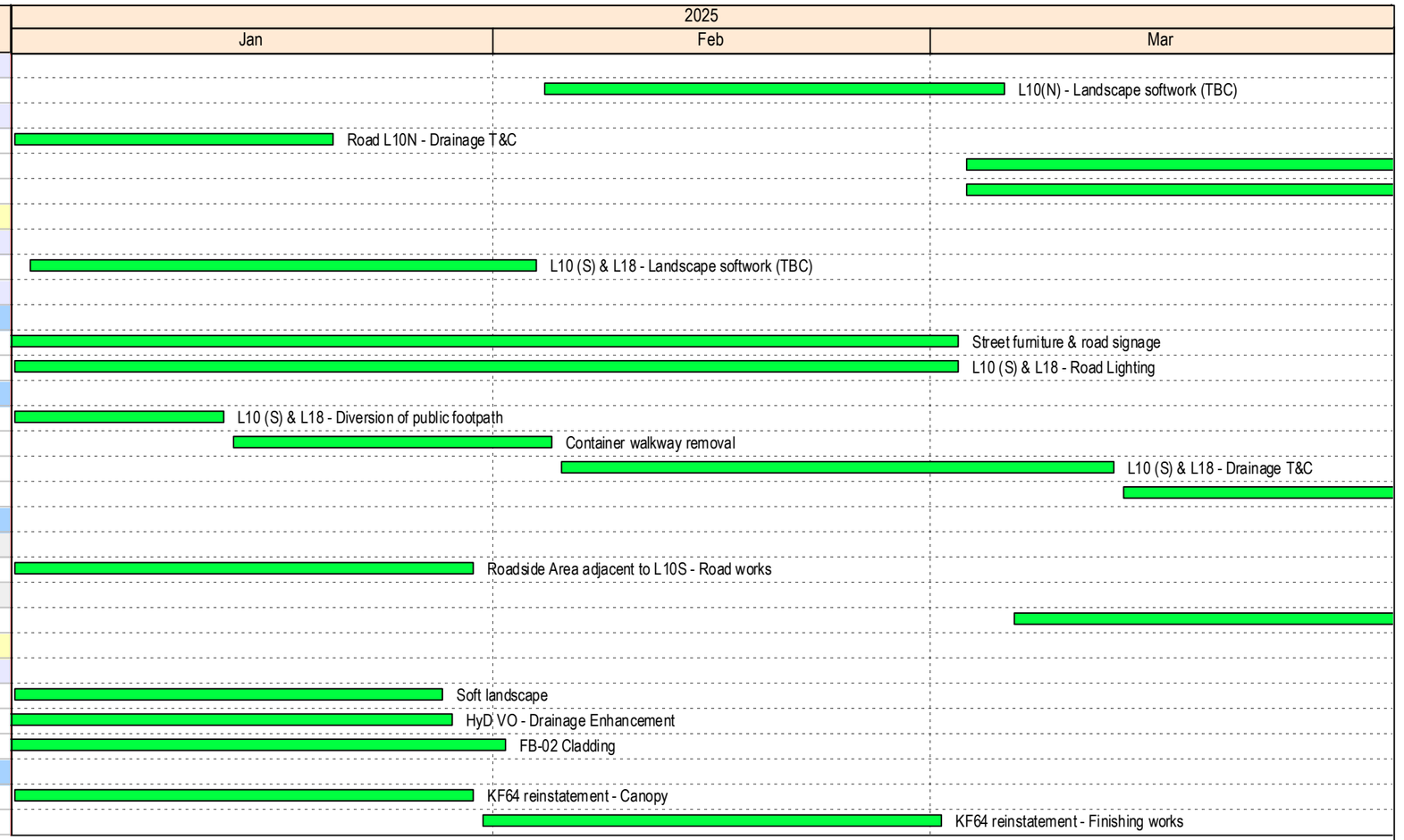
Activity ID	Activity Name	Dur	Start	Finish
L10(N) Landscape (KD-26)		26	04-Feb-25	05-Mar-25
LN10110	L10(N) - Landscape softwork (TBC)	26	04-Feb-25	05-Mar-25
L10(N) Remaining works		122	01-Jan-25	02-May-25
LN10100	Road L10N - Drainage T&C	21	01-Jan-25	21-Jan-25
LN10140	Road L10N - Road Lighting	60	03-Mar-25	01-May-25
LN10130	Road L10N - Street furniture & road signage	61	03-Mar-25	02-May-25
08 Road L10(S) & L18		141	15-Nov-24 A	04-Apr-25
L10(S) & L18 Landscape (KD-24)		25	02-Jan-25	03-Feb-25
A229445710	L10 (S) & L18 - Landscape softwork (TBC)	25	02-Jan-25*	03-Feb-25
L10(S) & L18 Remaining works		141	15-Nov-24 A	04-Apr-25
Miscellaneous road works		108	15-Nov-24 A	02-Mar-25
A229448740	Street furniture & road signage	108	15-Nov-24 A	02-Mar-25
A229448760	L10 (S) & L18 - Road Lighting	61	01-Jan-25*	02-Mar-25
Preparation for road opening		91	01-Jan-25	01-Apr-25
A229448711	L10 (S) & L18 - Diversion of public footpath	14	01-Jan-25	14-Jan-25
A229448720	Container walkway removal	21	15-Jan-25	04-Feb-25
A229448721	L10 (S) & L18 - Drainage T&C	36	05-Feb-25	12-Mar-25
A229448730	L10 (S) & L18 - Final Paving works & Road Marking	20	13-Mar-25	01-Apr-25
Roadside Area adjacent to L10(S)		94	01-Jan-25	04-Apr-25
Roadworks		30	01-Jan-25	30-Jan-25
A229448810	Roadside Area adjacent to L10S - Road works	30	01-Jan-25*	30-Jan-25
Landscape		30	06-Mar-25	04-Apr-25
A229448820	Roadside Area adjacent to L10S - Landscape (TBC)	30	06-Mar-25	04-Apr-25
09 Footbridge FB-02 (KD-17 achieved)		372	24-Feb-24 A	01-Mar-25
FB-02 Remaining works		372	24-Feb-24 A	01-Mar-25
FB211110	Soft landscape	28	01-Jan-25	28-Jan-25
FB211080	HyD VO - Drainage Enhancement	99	22-Oct-24 A	29-Jan-25
FB211060	FB-02 Cladding	345	24-Feb-24 A	01-Feb-25
KF64 reinstatement		60	01-Jan-25	01-Mar-25
FB211120	KF64 reinstatement - Canopy	30	01-Jan-25*	30-Jan-25
FB211130	KF64 reinstatement - Finishing works	30	31-Jan-25	01-Mar-25



◆ Milestones
Planned Bar
Actual Bar

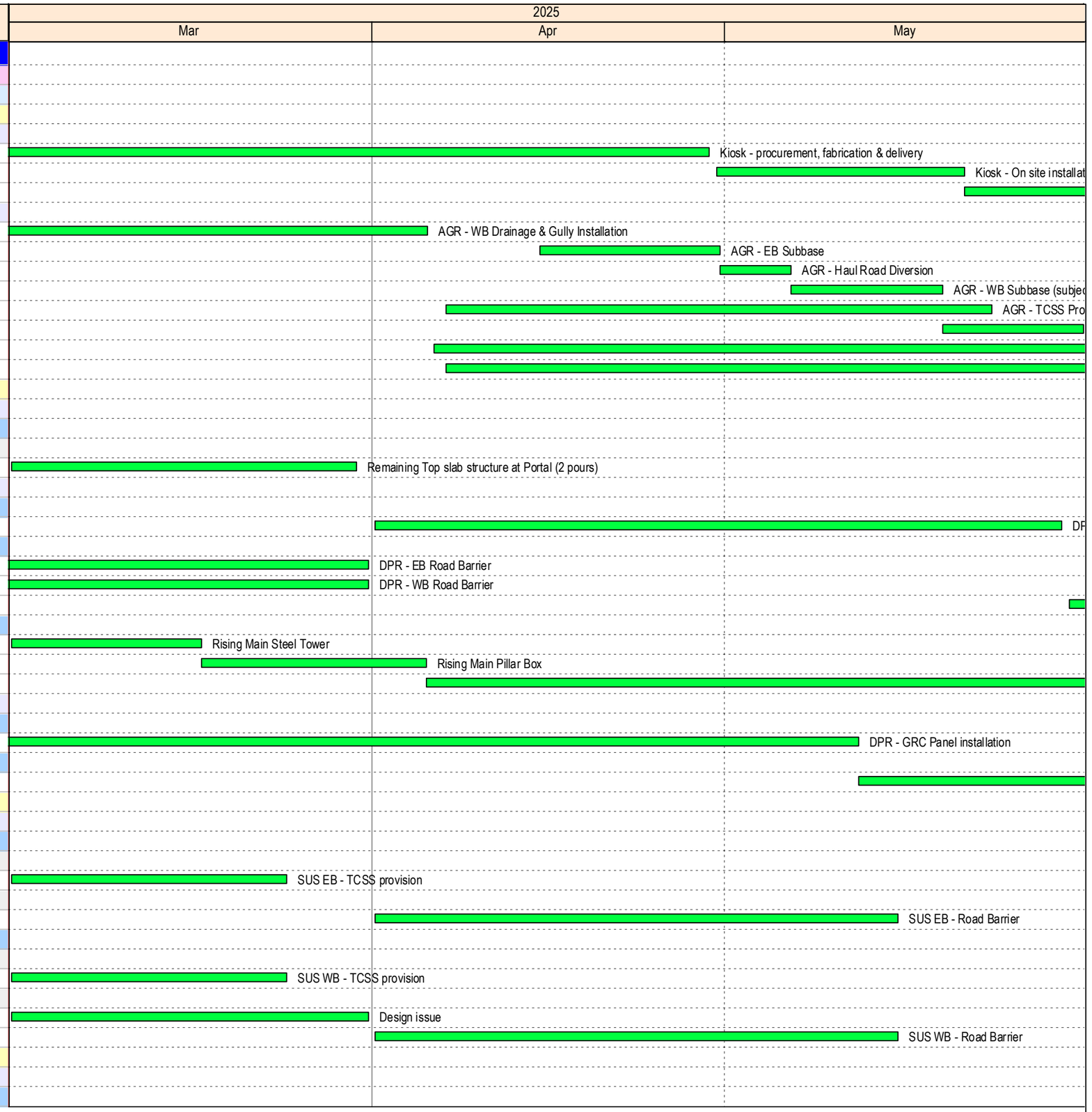
ED/2018/04 Trunk Road T2 and Infrastructure Works
for Developments at South Apron

Three Months Rolling Programme (Jan25-Mar25)

BOUYGUES TRAVAUX PUBLICS

Date	Revision	Checked	Approved

Activity ID	Activity Name	Dur	Start	Finish
HKT2 Pre-P75 Programme DD 01Mar25		636	26-Nov-23 A	23-Aug-25
Construction		636	26-Nov-23 A	23-Aug-25
Trunk Road T2		636	26-Nov-23 A	23-Aug-25
02 At-Grade Road - AGR		360	15-Jun-24 A	10-Jun-25
Kiosk		164	15-Nov-24 A	10-Jun-25
AGR1030	Kiosk - procurement, fabrication & delivery	132	15-Nov-24 A	29-Apr-25
AGR1060	Kiosk - On site installation	16	30-Apr-25	21-May-25
AGR1070	Kiosk - Finishing works	16	21-May-25	10-Jun-25
AGR - Road & Drainage works		360	15-Jun-24 A	09-Jun-25
AGR1020	AGR - WB Drainage & Gully Installation	242	15-Jun-24 A	05-Apr-25
AGR1120	AGR - EB Subbase	11	15-Apr-25*	30-Apr-25
AGR1130	AGR - Haul Road Diversion	6	30-Apr-25	06-May-25
AGR1140	AGR - WB Subbase (subject to CKR interface and TBM haul road	11	06-May-25	19-May-25
AGR1021	AGR - TCSS Provision CH5860-5962	36	07-Apr-25	23-May-25
AGR1150	AGR - Central Barrier (subject to CKR interface and TBM haul roa	12	19-May-25	31-May-25
AGR1050	AGR - WB Road Side Barrier	60	06-Apr-25	04-Jun-25
AGR1040	AGR - EB Drainage & Gully Installation	49	07-Apr-25	09-Jun-25
03 Depressed Road - DPR		204	30-Nov-24 A	21-Jun-25
DPR - Structure Works		30	01-Mar-25	30-Mar-25
DPR - Remaining Structure		30	01-Mar-25	30-Mar-25
MJ		30	01-Mar-25	30-Mar-25
A229450060	Remaining Top slab structure at Portal (2 pours)	30	01-Mar-25	30-Mar-25
DPR - Road Works		169	04-Jan-25 A	21-Jun-25
Sign Gantry		59	01-Apr-25 A	29-May-25
DPR10030	DPR - Sign Gantry & Civil Provision	59	01-Apr-25 A	29-May-25
Street Furniture		169	04-Jan-25 A	21-Jun-25
DPR10020	DPR - EB Road Barrier	38	22-Feb-25 A	31-Mar-25
DPR10090	DPR - WB Road Barrier	87	04-Jan-25 A	31-Mar-25
A229426251	Central Island	19	30-May-25	21-Jun-25
Rising Main		84	01-Mar-25	14-Jun-25
A229449960	Rising Main Steel Tower	14	01-Mar-25	17-Mar-25
A229449970	Rising Main Pillar Box	16	17-Mar-25	05-Apr-25
A229426391	DPR - E&M - Sump pit pumps and watermain installation	54	05-Apr-25	14-Jun-25
DPR - Final Works		184	30-Nov-24 A	02-Jun-25
GRC Panel		163	30-Nov-24 A	12-May-25
DPR10040	DPR - GRC Panel installation	163	30-Nov-24 A	12-May-25
Aluminium side cladding @ Portal		21	12-May-25	02-Jun-25
DPR10050	DPR - Remaining Aluminium side cladding @ Portal	21	12-May-25	02-Jun-25
05 Supporting Underground Structure - SUS		76	01-Mar-25	15-May-25
SUS - Tunnel Civil Works		76	01-Mar-25	15-May-25
Eastbound TCW		76	01-Mar-25	15-May-25
EB TCSS provision		24	01-Mar-25	24-Mar-25
SUS10070	SUS EB - TCSS provision	24	01-Mar-25	24-Mar-25
EB Road Barrier		45	01-Apr-25	15-May-25
SUS10060	SUS EB - Road Barrier	45	01-Apr-25	15-May-25*
Westbound TCW		76	01-Mar-25	15-May-25
WB TCSS provision		24	01-Mar-25	24-Mar-25
SUS10090	SUS WB - TCSS provision	24	01-Mar-25	24-Mar-25
WB Road Barrier		76	01-Mar-25	15-May-25
A229450170	Design issue	31	01-Mar-25	31-Mar-25
SUS10080	SUS WB - Road Barrier	45	01-Apr-25	15-May-25
06 Launching Shaft & C&C Tunnel - LSCC		161	12-Jan-25 A	21-Jun-25
LSCC - Structure works		132	12-Jan-25 A	23-May-25
Cut & Cover Tunnel		31	28-Feb-25 A	30-Mar-25



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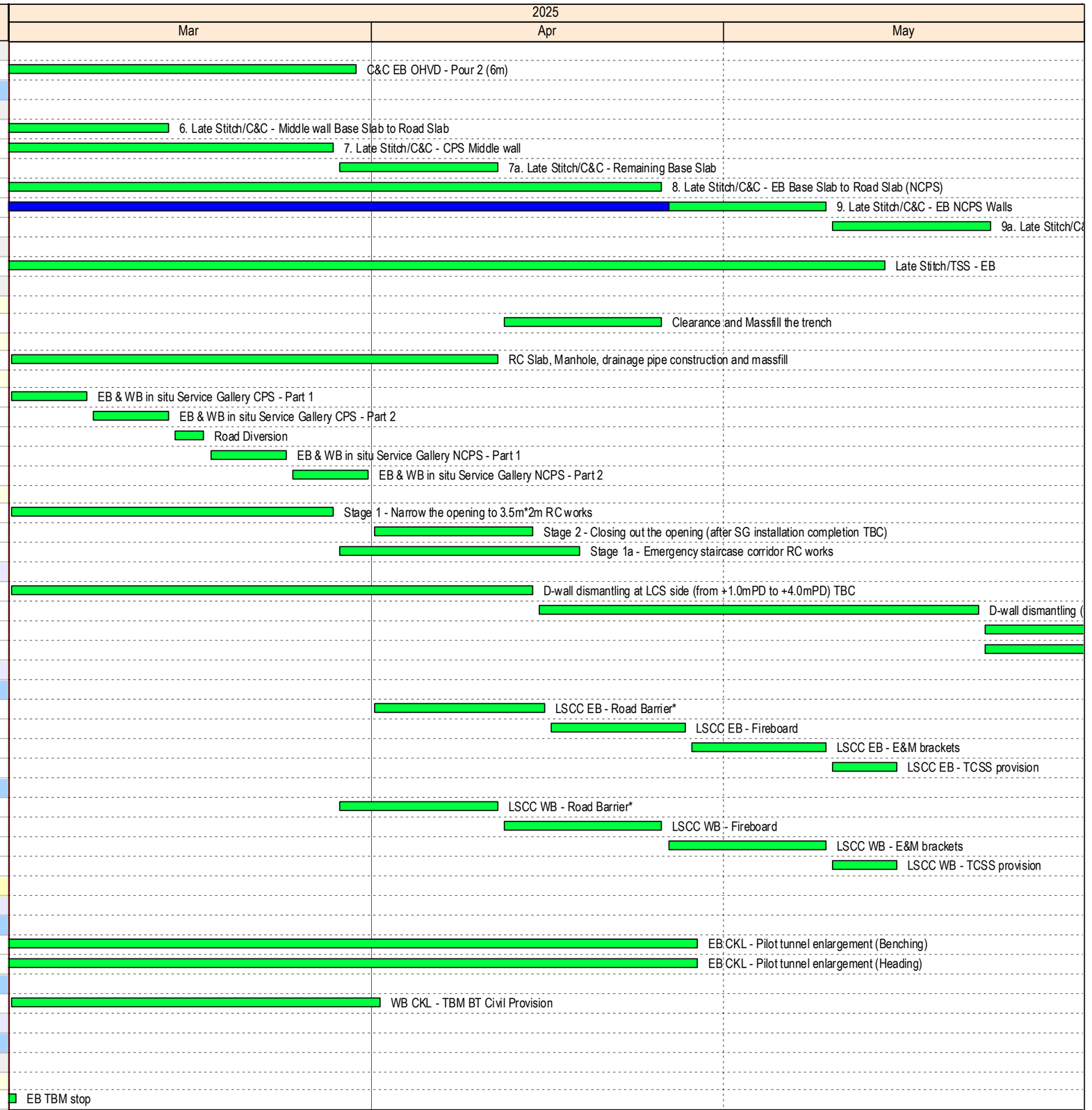
ED/2018/04 Trunk Road T2 and Infrastructure Works for Developments at South Apron

Three Months Rolling Programme (Mar25-May25)

BOUYGUES TRAVAUX PUBLICS

Date	Revision	Checked	Approved

Activity ID	Activity Name	Dur	Start	Finish
C&C OHVD		31	28-Feb-25 A	30-Mar-25
LSCC10235	C&C EB OHVD - Pour 2 (6m)	31	28-Feb-25 A	30-Mar-25
Launching Shaft		132	12-Jan-25 A	23-May-25
Late Stitch/C&C		126	18-Jan-25 A	23-May-25
LSCC10350	6. Late Stitch/C&C - Middle wall Base Slab to Road Slab	56	18-Jan-25 A	14-Mar-25
LSCC10360	7. Late Stitch/C&C - CPS Middle wall	56	01-Feb-25 A	28-Mar-25
LSCC10361	7a. Late Stitch/C&C - Remaining Base Slab	14	29-Mar-25	11-Apr-25
LSCC10390	8. Late Stitch/C&C - EB Base Slab to Road Slab (NCPS)	63	22-Feb-25 A	25-Apr-25
LSCC10400	9. Late Stitch/C&C - EB NCPS Walls	70	01-Mar-25 A	09-May-25
LSCC10401	9a. Late Stitch/C&C - Remaining Base Slab	14	10-May-25	23-May-25
Headwall/TSS		123	12-Jan-25 A	14-May-25
LSCC10370	Late Stitch/TSS - EB	123	12-Jan-25 A	14-May-25
LS - Miscellaneous Structural Openings		56	01-Mar-25	25-Apr-25
01 Massfill at cable trench (subject to temporary cable relocation)		14	12-Apr-25	25-Apr-25
A229448630	Clearance and Massfill the trench	14	12-Apr-25	25-Apr-25
02 Road slab opening & Drainage works (subject to temporary cable relocation)		42	01-Mar-25	11-Apr-25
A229448640	RC Slab, Manhole, drainage pipe construction and massfill	42	01-Mar-25	11-Apr-25
04 In situ SG at LS/TSS connection (subject to temporary works to maintain tunn		31	01-Mar-25	31-Mar-25
A229448570	EB & WB in situ Service Gallery CPS - Part 1	7	01-Mar-25	07-Mar-25
A229448580	EB & WB in situ Service Gallery CPS - Part 2	7	08-Mar-25	14-Mar-25
A229448581	Road Diversion	3	15-Mar-25	17-Mar-25
A229448590	EB & WB in situ Service Gallery NCPS - Part 1	7	18-Mar-25	24-Mar-25
A229448600	EB & WB in situ Service Gallery NCPS - Part 2	7	25-Mar-25	31-Mar-25
05 RC works at MIMEP Opening for Service Galleries Works (subject to BYME &		49	01-Mar-25	18-Apr-25
A229448650	Stage 1 - Narrow the opening to 3.5m*2m RC works	28	01-Mar-25*	28-Mar-25
A229448660	Stage 2 - Closing out the opening (after SG installation completion	14	01-Apr-25*	14-Apr-25
A229449020	Stage 1a - Emergency staircase corridor RC works	21	29-Mar-25	18-Apr-25
LSCC - Backfilling & Dwall Dismantling		113	01-Mar-25	21-Jun-25
A229447780	D-wall dismantling at LCS side (from +1.0mPD to +4.0mPD) TBC	45	01-Mar-25	14-Apr-25
A229447781	D-wall dismantling (from +1.0mPD to +4.0mPD) ~3050 m3 TBC	38	15-Apr-25	22-May-25
A229447790	Stage 2b (i) Final Backfilling at LCS side with open cut and allow L	18	23-May-25	10-Jun-25
A229447800	Stage 2b (ii) Final Backfilling (from +1.0mPD to +4.0mPD) (total qu	30	23-May-25	21-Jun-25
LSCC - Tunnel Civil Works		48	29-Mar-25	15-May-25
Eastbound TCW		45	01-Apr-25	15-May-25
LSCC10050	LSCC EB - Road Barrier*	15	01-Apr-25*	15-Apr-25
LSCC10070	LSCC EB - Fireboard	12	16-Apr-25	27-Apr-25
LSCC10090	LSCC EB - E&M brackets	12	28-Apr-25	09-May-25
LSCC10110	LSCC EB - TCSS provision	6	10-May-25	15-May-25
Westbound TCW		48	29-Mar-25	15-May-25
LSCC10040	LSCC WB - Road Barrier*	14	29-Mar-25*	11-Apr-25
LSCC10060	LSCC WB - Fireboard	14	12-Apr-25	25-Apr-25
LSCC10080	LSCC WB - E&M brackets	14	26-Apr-25	09-May-25
LSCC10100	LSCC WB - TCSS provision	6	10-May-25	15-May-25
07 Tunnel Sub-sea (TSS)		563	26-Nov-23 A	10-Jun-25
Tunnel Advance Excavation - D&Br from CKL		257	15-Aug-24 A	28-Apr-25
Eastbound Pilot Tunnel		257	15-Aug-24 A	28-Apr-25
CKL1130	EB CKL - Pilot tunnel enlargement (Benching)	257	15-Aug-24 A	28-Apr-25
CKL1140	EB CKL - Pilot tunnel enlargement (Heading)	257	15-Aug-24 A	28-Apr-25
Westbound Pre-Tunnel		32	01-Mar-25	01-Apr-25
CKL1100	WB CKL - TBM BT Civil Provision	32	01-Mar-25	01-Apr-25
Tunnel Excavation - TBM from Kai Tak		486	11-Feb-24 A	10-Jun-25
Eastbound (EB) - TBM S1282		486	11-Feb-24 A	10-Jun-25
TBM Tunnelling		486	11-Feb-24 A	10-Jun-25
CP21-26		385	11-Feb-24 A	01-Mar-25
EBTBM1250	EB TBM stop	385	11-Feb-24 A	01-Mar-25



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ED/2018/04 Trunk Road T2 and Infrastructure Works for Developments at South Apron

Three Months Rolling Programme (Mar25-May25)

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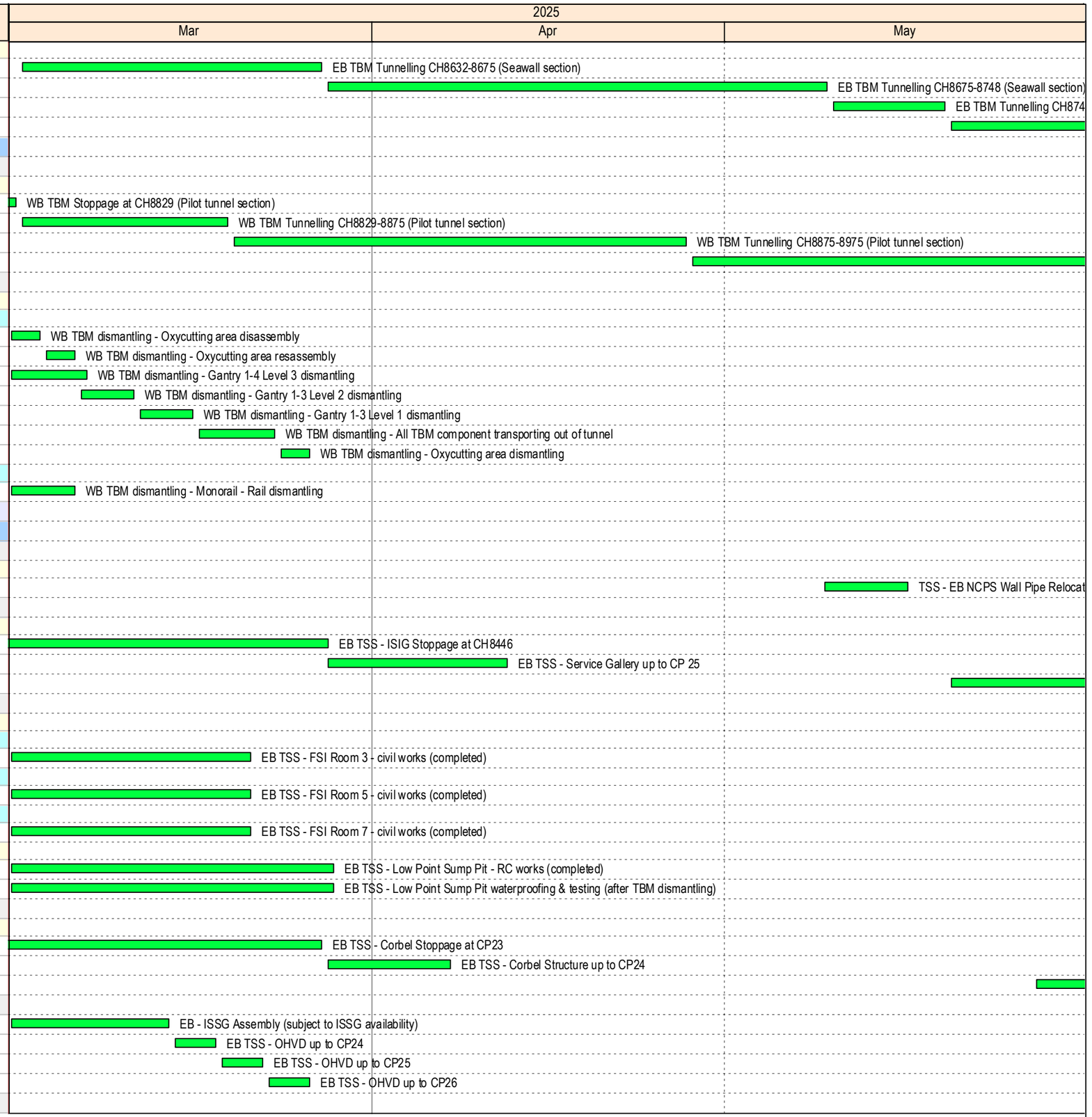
Date	Revision	Checked	Approved

Activity ID	Activity Name	Dur	Start	Finish
CP26-30		101	02-Mar-25	10-Jun-25
EBTBM1260	EB TBM Tunnelling CH8632-8675 (Seawall section)	26	02-Mar-25	27-Mar-25
EBTBM1270	EB TBM Tunnelling CH8675-8748 (Seawall section)	43	28-Mar-25	09-May-25
EBTBM1280	EB TBM Tunnelling CH8748-8775 (Pilot TBM Section)	10	10-May-25	19-May-25
EBTBM1290	EB TBM Tunnelling CH8775-8831 (Pilot tunnel section)	22	20-May-25	10-Jun-25
Westbound (WB) - TBM S1281		204	11-Nov-24 A	02-Jun-25
TBM Tunneling		204	11-Nov-24 A	02-Jun-25
CP26-31		204	11-Nov-24 A	02-Jun-25
A229449562A	WB TBM Stoppage at CH8829 (Pilot tunnel section)	111	11-Nov-24 A	01-Mar-25
A229449562C	WB TBM Tunnelling CH8829-8875 (Pilot tunnel section)	18	02-Mar-25	19-Mar-25
A229449563	WB TBM Tunnelling CH8875-8975 (Pilot tunnel section)	39	20-Mar-25	27-Apr-25
A229449564	WB TBM Tunnelling CH8975-9068 (Pilot tunnel section)	36	28-Apr-25	02-Jun-25
TBM Dismantling & Remaining Structure		26	01-Mar-25	26-Mar-25
TSS side		26	01-Mar-25	26-Mar-25
Gantries		26	01-Mar-25	26-Mar-25
TA145	WB TBM dismantling - Oxycutting area disassembly	3	01-Mar-25	03-Mar-25
TA155	WB TBM dismantling - Oxycutting area resassembly	3	04-Mar-25	06-Mar-25
TA125	WB TBM dismantling - Gantry 1-4 Level 3 dismantling	7	01-Mar-25	07-Mar-25
TA165	WB TBM dismantling - Gantry 1-3 Level 2 dismantling	5	07-Mar-25	11-Mar-25
TA175	WB TBM dismantling - Gantry 1-3 Level 1 dismantling	5	12-Mar-25	16-Mar-25
TA275	WB TBM dismantling - All TBM component transporting out of tunr	7	17-Mar-25	23-Mar-25
TA285	WB TBM dismantling - Oxycutting area dismantling	3	24-Mar-25	26-Mar-25
Erector, Cross Beam, MD		6	01-Mar-25	06-Mar-25
TA315	WB TBM dismantling - Monorail - Rail dismantling	6	01-Mar-25	06-Mar-25
Tunnel Civil Works before TBM breakthough		560	26-Nov-23 A	07-Jun-25
Eastbound (EB)		560	26-Nov-23 A	07-Jun-25
Temporary Services		7	09-May-25	16-May-25
TBM slurry pipe relocation		7	09-May-25	16-May-25
A229447680	TSS - EB NCPS Wall Pipe Relocation from CP23 to CP24	7	09-May-25	16-May-25
Service Gallery		353	08-Mar-24 A	04-Jun-25
CP21-26		353	08-Mar-24 A	04-Jun-25
A229446190	EB TSS - ISIG Stoppage at CH8446	301	08-Mar-24 A	28-Mar-25
A229428552	EB TSS - Service Gallery up to CP 25	13	28-Mar-25	12-Apr-25
A229428562	EB TSS - Service Gallery up to CP 26	13	20-May-25	04-Jun-25
Below Road Level Installation		28	01-Mar-25	28-Mar-25
FSI Room		21	01-Mar-25	21-Mar-25
FSI Room 3 @ CP14		21	01-Mar-25	21-Mar-25
A229450010	EB TSS - FSI Room 3 - civil works (completed)	21	01-Mar-25	21-Mar-25
FSI Room 5 @ CP16		21	01-Mar-25	21-Mar-25
A229450000	EB TSS - FSI Room 5 - civil works (completed)	21	01-Mar-25	21-Mar-25
FSI Room 7 @ CP21		21	01-Mar-25	21-Mar-25
A229449990	EB TSS - FSI Room 7 - civil works (completed)	21	01-Mar-25	21-Mar-25
Low Point @ CP12		28	01-Mar-25	28-Mar-25
TC11320	EB TSS - Low Point Sump Pit - RC works (completed)	28	01-Mar-25	28-Mar-25
TC11330	EB TSS - Low Point Sump Pit waterproofing & testing (after TBM c	28	01-Mar-25	28-Mar-25
Corbel		560	26-Nov-23 A	07-Jun-25
CP21-26		560	26-Nov-23 A	07-Jun-25
A229415982	EB TSS - Corbel Stoppage at CP23	488	26-Nov-23 A	27-Mar-25
A229415952	EB TSS - Corbel Structure up to CP24	8	28-Mar-25	07-Apr-25
A229415962	EB TSS - Corbel Structure up to CP25	8	27-May-25	07-Jun-25
OHVD		26	01-Mar-25	26-Mar-25
TC305	EB - ISSG Assembly (subject to ISSG availability)	14	01-Mar-25*	14-Mar-25
TC320	EB TSS - OHVD up to CP24	4	15-Mar-25	18-Mar-25
TC330	EB TSS - OHVD up to CP25	4	19-Mar-25	22-Mar-25
TC340	EB TSS - OHVD up to CP26	4	23-Mar-25	26-Mar-25
Road Barrier		90	01-Mar-25	29-May-25



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Three Months Rolling Programme (Mar25-May25)

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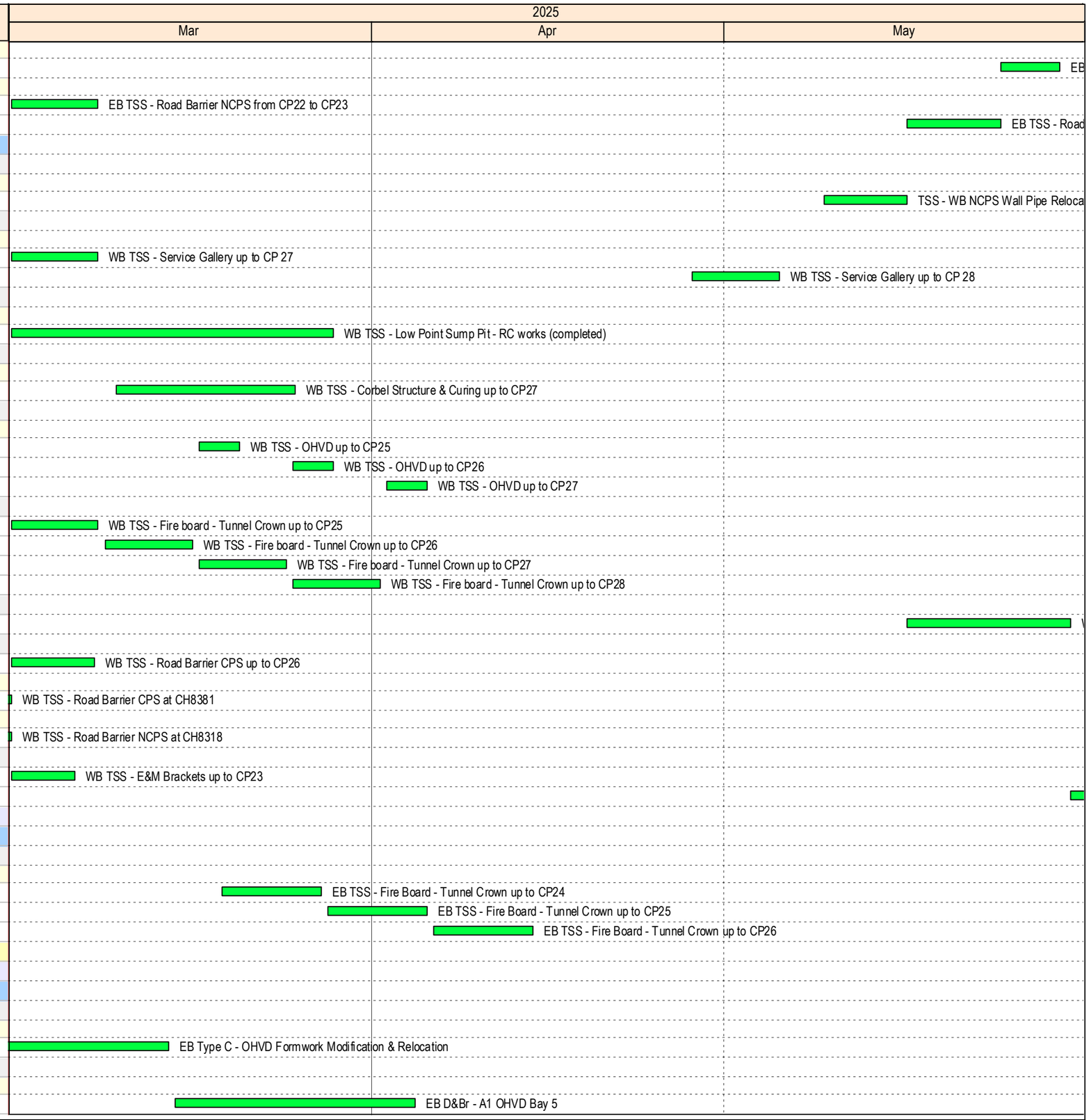
Date	Revision	Checked	Approved

Activity ID	Activity Name	Dur	Start	Finish
CPS		5	24-May-25	29-May-25
TC11120	EB TSS - Road Barrier CPS up to CP24	5	24-May-25	29-May-25
NCPS		85	01-Mar-25	24-May-25
TC10150	EB TSS - Road Barrier NCPS from CP22 to CP23	8	01-Mar-25	08-Mar-25
TC10160	EB TSS - Road Barrier NCPS up to CP24	8	16-May-25	24-May-25
Westbound (WB)		389	13-May-24 A	05-Jun-25
Temporary Services		7	09-May-25	16-May-25
TBM slurry pipe relocation		7	09-May-25	16-May-25
A229447540	TSS - WB NCPS Wall Pipe Relocation from CP23 to CP24	7	09-May-25	16-May-25
Service Gallery		66	01-Mar-25	05-May-25
CP26-31		66	01-Mar-25	05-May-25
A229424680	WB TSS - Service Gallery up to CP 27	8	01-Mar-25	08-Mar-25
A229446380	WB TSS - Service Gallery up to CP 28	8	28-Apr-25	05-May-25
Below Road Level Installation		28	01-Mar-25	28-Mar-25
Low Point @ CP12		28	01-Mar-25	28-Mar-25
TC11340	WB TSS - Low Point Sump Pit - RC works (completed)	28	01-Mar-25	28-Mar-25
Corbel		14	10-Mar-25	25-Mar-25
CP21-26		14	10-Mar-25	25-Mar-25
A229415242	WB TSS - Corbel Structure & Curing up to CP27	14	10-Mar-25	25-Mar-25
OHVD		20	17-Mar-25	05-Apr-25
CP26-30		20	17-Mar-25	05-Apr-25
TC3120	WB TSS - OHVD up to CP25	4	17-Mar-25	20-Mar-25
TC3130	WB TSS - OHVD up to CP26	4	25-Mar-25	28-Mar-25
TC3140	WB TSS - OHVD up to CP27	4	02-Apr-25	05-Apr-25
Fire Board - Tunnel Crown		32	01-Mar-25	01-Apr-25
D12535	WB TSS - Fire board - Tunnel Crown up to CP25	8	01-Mar-25	08-Mar-25
D12545	WB TSS - Fire board - Tunnel Crown up to CP26	8	09-Mar-25	16-Mar-25
D12555	WB TSS - Fire board - Tunnel Crown up to CP27	8	17-Mar-25	24-Mar-25
D12565	WB TSS - Fire board - Tunnel Crown up to CP28	8	25-Mar-25	01-Apr-25
Fire Board - Road level		14	16-May-25	30-May-25
A229446460	WB TSS - Fire Board - Road level up to CP24	14	16-May-25	30-May-25
Road Barrier		299	13-May-24 A	08-Mar-25
A229447850	WB TSS - Road Barrier CPS up to CP26	6	01-Mar-25	08-Mar-25
CPS		292	13-May-24 A	01-Mar-25
TC10800	WB TSS - Road Barrier CPS at CH8381	292	13-May-24 A	01-Mar-25
NCPS		285	20-May-24 A	01-Mar-25
TC11000	WB TSS - Road Barrier NCPS at CH8318	285	20-May-24 A	01-Mar-25
E&M Brackets		97	01-Mar-25	05-Jun-25
TC11060	WB TSS - E&M Brackets up to CP23	6	01-Mar-25	06-Mar-25
TC11010	WB TSS - E&M Brackets up to CP24	6	30-May-25	05-Jun-25
Tunnel Civil Works after TBM breakthough		27	19-Mar-25	14-Apr-25
Eastbound (EB)		27	19-Mar-25	14-Apr-25
Fire Board - Tunnel Crown with deletion up to Ch8850		27	19-Mar-25	14-Apr-25
CP21-26		27	19-Mar-25	14-Apr-25
TC560	EB TSS - Fire Board - Tunnel Crown up to CP24	9	19-Mar-25	27-Mar-25
TC570	EB TSS - Fire Board - Tunnel Crown up to CP25	9	28-Mar-25	05-Apr-25
TC580	EB TSS - Fire Board - Tunnel Crown up to CP26	9	06-Apr-25	14-Apr-25
08 CKL Tunnel		207	25-Nov-24 A	19-Jun-25
Tunnel Structure before TBM breakthrough		131	25-Nov-24 A	04-Apr-25
Eastbound (EB)		131	25-Nov-24 A	04-Apr-25
EB Type C		89	25-Nov-24 A	14-Mar-25
OHVD		89	25-Nov-24 A	14-Mar-25
A2050	EB Type C - OHVD Formwork Modification & Relocation	89	25-Nov-24 A	14-Mar-25
EB Type A D&Br		21	15-Mar-25	04-Apr-25
OHVD		21	15-Mar-25	04-Apr-25
A1800	EB D&Br - A1 OHVD Bay 5	21	15-Mar-25	04-Apr-25



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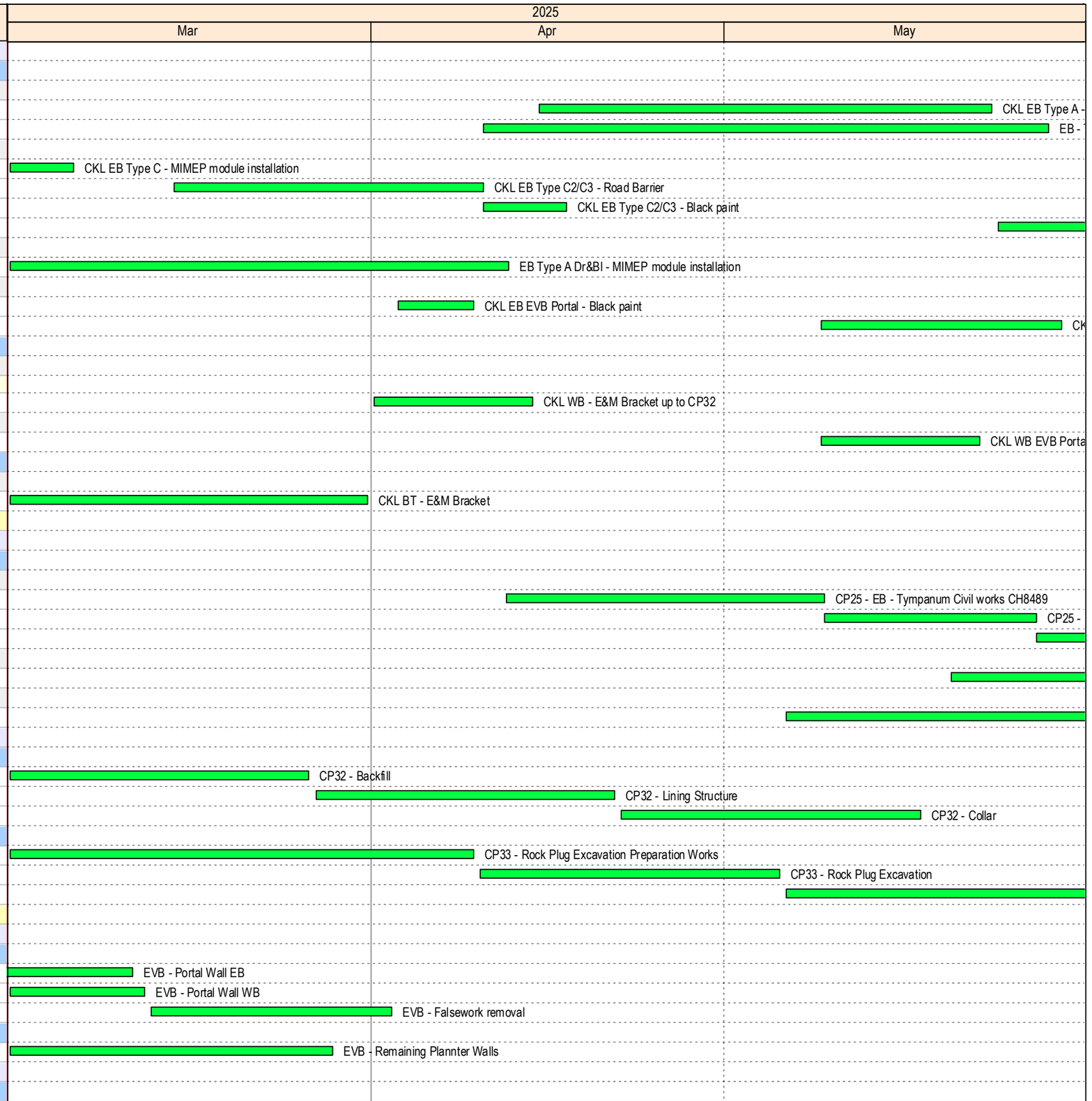
Tunnel Civil Works before TBM breakthrough		111	01-Mar-25	19-Jun-25
Eastbound (EB)		111	01-Mar-25	19-Jun-25
EB Type A		48	10-Apr-25	28-May-25
A8980	CKL EB Type A - E&M Bracket	39	15-Apr-25	23-May-25
A229444530	EB - Type A - Road Barrier	36	10-Apr-25	28-May-25
EB Type C		111	01-Mar-25	19-Jun-25
A229450140	CKL EB Type C - MIMEP module installation	6	01-Mar-25	06-Mar-25
A229444520	CKL EB Type C2/C3 - Road Barrier	27	15-Mar-25	10-Apr-25
A229450120	CKL EB Type C2/C3 - Black paint	7	10-Apr-25	17-Apr-25
A229450110	CKL EB Type C2/C3 - E&M Bracket	27	24-May-25	19-Jun-25
EB Type A D&Br		36	01-Mar-25	12-Apr-25
A229444700	EB Type A Dr&Bl - MIMEP module installation	36	01-Mar-25	12-Apr-25
EB EVB Portal		57	03-Apr-25	29-May-25
A229450160	CKL EB EVB Portal - Black paint	7	03-Apr-25	09-Apr-25
A229450150	CKL EB EVB Portal - Road Barrier	21	09-May-25	29-May-25
Westbound (WB)		52	01-Apr-25	22-May-25
WB Type A		14	01-Apr-25	14-Apr-25
E&M Brackets		14	01-Apr-25	14-Apr-25
A229450100	CKL WB - E&M Bracket up to CP32	14	01-Apr-25	14-Apr-25
WB EVB Portal		14	09-May-25	22-May-25
A229450180	CKL WB EVB Portal - Road Barrier	14	09-May-25	22-May-25
Branch Tunnel (S01)		31	01-Mar-25	31-Mar-25
E&M Brackets		31	01-Mar-25	31-Mar-25
A229450090	CKL BT - E&M Bracket	31	01-Mar-25	31-Mar-25
09 Cross Passages		148	01-Mar-25	26-Jul-25
Cross Passages @ TSS (CP7 to CP29)		105	12-Apr-25	26-Jul-25
CP25 to CP29		105	12-Apr-25	26-Jul-25
CP25		105	12-Apr-25	26-Jul-25
TD0100	CP25 - EB - Tympanum Civil works CH8489	27	12-Apr-25	09-May-25
A7950	CP25 - CP TBM cycle	18	09-May-25	27-May-25
A8260	CP25 - Internal & Collar Structure & ABWF	60	27-May-25	26-Jul-25
CP27		27	20-May-25	15-Jun-25
TD0310	CP27 - WB - Tympanum Civil works CH8688	27	20-May-25	15-Jun-25
CP28		35	06-May-25	09-Jun-25
TD1000	CP28 - WB - Temporary Platform setup & Tympanum CH8787	35	06-May-25	09-Jun-25
Cross Passages @ CKL Tunnel (CP30 to CP33)		133	01-Mar-25	11-Jul-25
CP32		78	01-Mar-25	17-May-25
A229438446	CP32 - Backfill	26	01-Mar-25	26-Mar-25
A229438436	CP32 - Lining Structure	26	27-Mar-25	21-Apr-25
A229422590	CP32 - Collar	26	22-Apr-25	17-May-25
CP33		133	01-Mar-25	11-Jul-25
A1900	CP33 - Rock Plug Excavation Preparation Works	40	01-Mar-25	09-Apr-25
A1710	CP33 - Rock Plug Excavation	26	10-Apr-25	05-May-25
A1720	CP33 - CP33/Type E Junction	67	06-May-25	11-Jul-25
10 East Ventilation Building - EVB		441	15-Mar-24 A	29-May-25
Structure Works		131	23-Nov-24 A	02-Apr-25
LG2/F Walls & LG1/F Slab		131	23-Nov-24 A	02-Apr-25
EVB1320	EVB - Portal Wall EB	109	23-Nov-24 A	11-Mar-25
EVB1715	EVB - Portal Wall WB	12	01-Mar-25	12-Mar-25
EVB1800	EVB - Falsework removal	21	13-Mar-25	02-Apr-25
R/F Walls & UR/F Slab		28	01-Mar-25	28-Mar-25
EVB1520	EVB - Remaining Plannter Walls	28	01-Mar-25	28-Mar-25
ABWF Works		170	10-Nov-24 A	28-Apr-25
ABWF - Door & Louvre installation		170	10-Nov-24 A	28-Apr-25



◆ Milestones
Planned Bar
Actual Bar

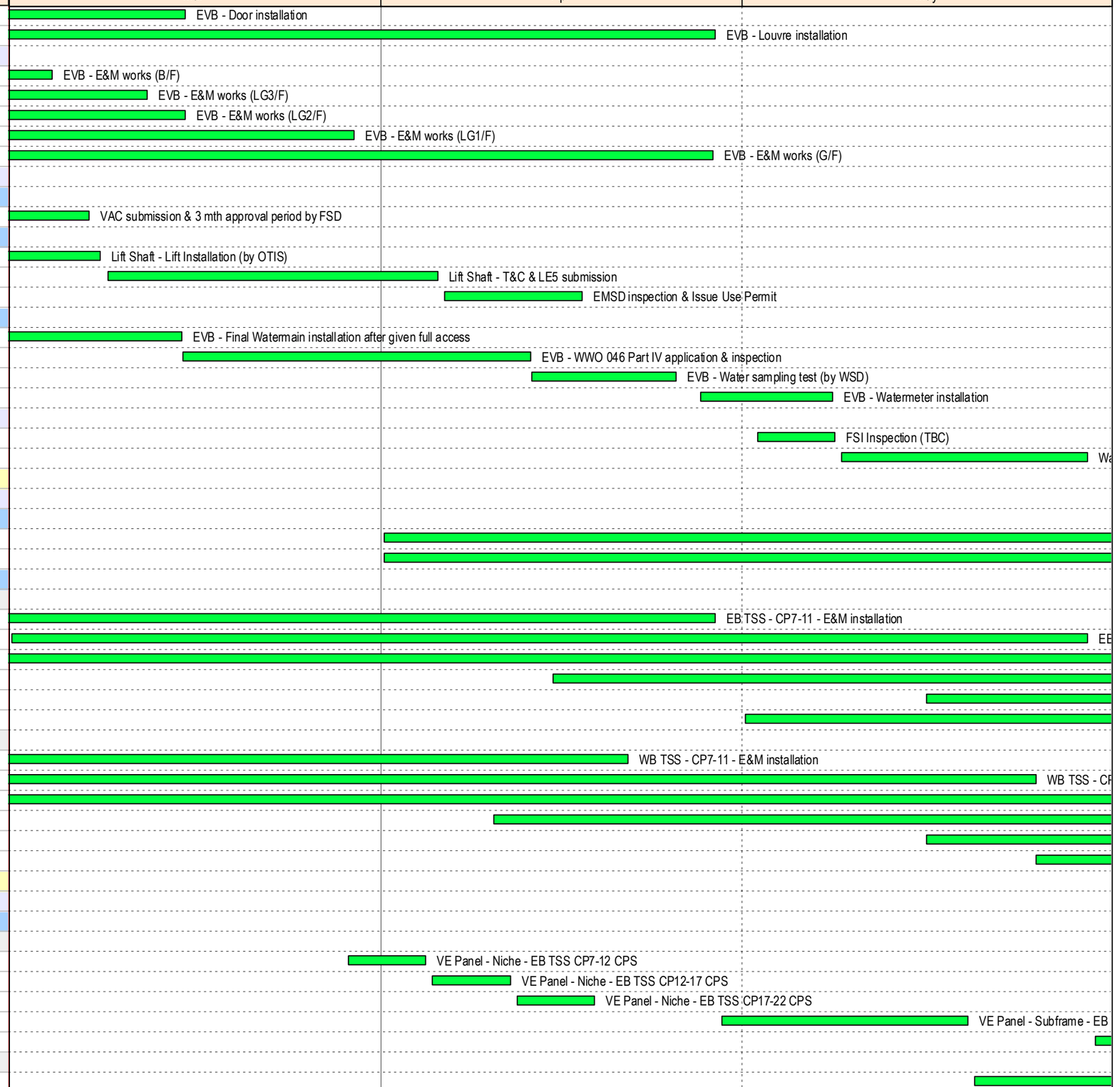
ED/2018/04 Trunk Road T2 and Infrastructure Works for Developments at South Apron

Three Months Rolling Programme (Mar25-May25)

BOUYGUES TRAVAUX PUBLICS

Date	Revision	Checked	Approved

Activity ID	Activity Name	Dur	Start	Finish
EVB1510	EVB - Door installation	61	14-Jan-25 A	15-Mar-25
EVB1530	EVB - Louvre installation	170	10-Nov-24 A	28-Apr-25
E&M Works (by BYME)		330	15-Mar-24 A	28-Apr-25
EVB1210	EVB - E&M works (B/F)	287	15-Mar-24 A	04-Mar-25
EVB1300	EVB - E&M works (LG3/F)	262	26-Apr-24 A	12-Mar-25
EVB1360	EVB - E&M works (LG2/F)	246	21-May-24 A	15-Mar-25
EVB1440	EVB - E&M works (LG1/F)	217	10-Jul-24 A	29-Mar-25
EVB1500	EVB - E&M works (G/F)	214	07-Aug-24 A	28-Apr-25
Statutory Procedures		239	11-Sep-24 A	08-May-25
GBP & VAC submission		74	24-Dec-24 A	07-Mar-25
EVB1580	VAC submission & 3 mth approval period by FSD	74	24-Dec-24 A	07-Mar-25
Lift Installation		219	11-Sep-24 A	17-Apr-25
EVB1370	Lift Shaft - Lift Installation (by OTIS)	179	11-Sep-24 A	08-Mar-25
EVB1430	Lift Shaft - T&C & LE5 submission	28	09-Mar-25	05-Apr-25
EVB1450	EMSD inspection & Issue Use Permit	12	06-Apr-25	17-Apr-25
FS Water Supply		128	31-Dec-24 A	08-May-25
EVB1410	EVB - Final Watermain installation after given full access	74	31-Dec-24 A	15-Mar-25
EVB1460	EVB - WWO 046 Part IV application & inspection	29	15-Mar-25	13-Apr-25
EVB1470	EVB - Water sampling test (by WSD)	12	13-Apr-25	25-Apr-25
EVB1490	EVB - Watermeter installation	11	27-Apr-25	08-May-25
Final T&C and FSI Inspection		28	02-May-25	29-May-25
EVB1560	FSI Inspection (TBC)	7	02-May-25*	08-May-25
EVB1600	Waiting period	21	09-May-25	29-May-25
11 Tunnel E&M Installation		376	12-Aug-24 A	23-Aug-25
E&M - Cabling works		376	12-Aug-24 A	23-Aug-25
AGR & DPR		120	01-Apr-25	29-Jul-25
DPR10060	DPR - EB E&M Installation	120	01-Apr-25	29-Jul-25
DPR10080	DPR - WB E&M Installation	120	01-Apr-25	29-Jul-25
SUS to CKL		376	12-Aug-24 A	23-Aug-25
Eastbound		313	20-Sep-24 A	29-Jul-25
E&MC1050	EB TSS - CP7-11 - E&M installation	221	20-Sep-24 A	28-Apr-25
E&MC1080	EB TSS - CP11-16 E&M installation	90	01-Mar-25*	29-May-25
E&MC1010	EB SUS - E&M Installation	240	22-Oct-24 A	18-Jun-25
E&MC1100	EB TSS - CP16-22 E&M installation	90	15-Apr-25	13-Jul-25
E&MC1020	EB LSCC - E&M Installation	60	16-May-25	14-Jul-25
E&MC1120	EB TSS - CP22-26 - E&M installation	90	01-May-25*	29-Jul-25
Westbound		376	12-Aug-24 A	23-Aug-25
E&MC1041	WB TSS - CP7-11 - E&M installation	253	12-Aug-24 A	21-Apr-25
E&MC1060	WB TSS - CP11-16 E&M installation	240	27-Sep-24 A	25-May-25
E&MC1030	WB SUS - E&M Installation	248	25-Oct-24 A	29-Jun-25
E&MC1070	WB TSS - CP16-21 E&M installation	90	10-Apr-25	09-Jul-25
E&MC1040	WB LSCC - E&M Installation	90	16-May-25	13-Aug-25
E&MC1090	WB TSS - CP21-24 E&M installation	90	25-May-25	23-Aug-25
14 Projectwide Final Works		108	01-Mar-25	16-Jun-25
Tunnel Cladding (VE Panel)		108	01-Mar-25	16-Jun-25
Eastbound		80	29-Mar-25	16-Jun-25
Typical Subframe & Niche		76	29-Mar-25	12-Jun-25
VE10431	VE Panel - Niche - EB TSS CP7-12 CPS	7	29-Mar-25*	04-Apr-25
VE10441	VE Panel - Niche - EB TSS CP12-17 CPS	7	05-Apr-25*	11-Apr-25
VE10451	VE Panel - Niche - EB TSS CP17-22 CPS	7	12-Apr-25*	18-Apr-25
VE10260	VE Panel - Subframe - EB TSS CP7-12 CPS & NCPS	21	29-Apr-25*	19-May-25
VE10280	VE Panel - Subframe - EB TSS CP11-16 CPS & NCPS	14	30-May-25*	12-Jun-25
Typical Cladding		28	20-May-25	16-Jun-25
VE10270	VE Panel - Cladding - EB TSS CP7-12 NCPS	28	20-May-25*	16-Jun-25



◆ Milestones
Planned Bar
Actual Bar

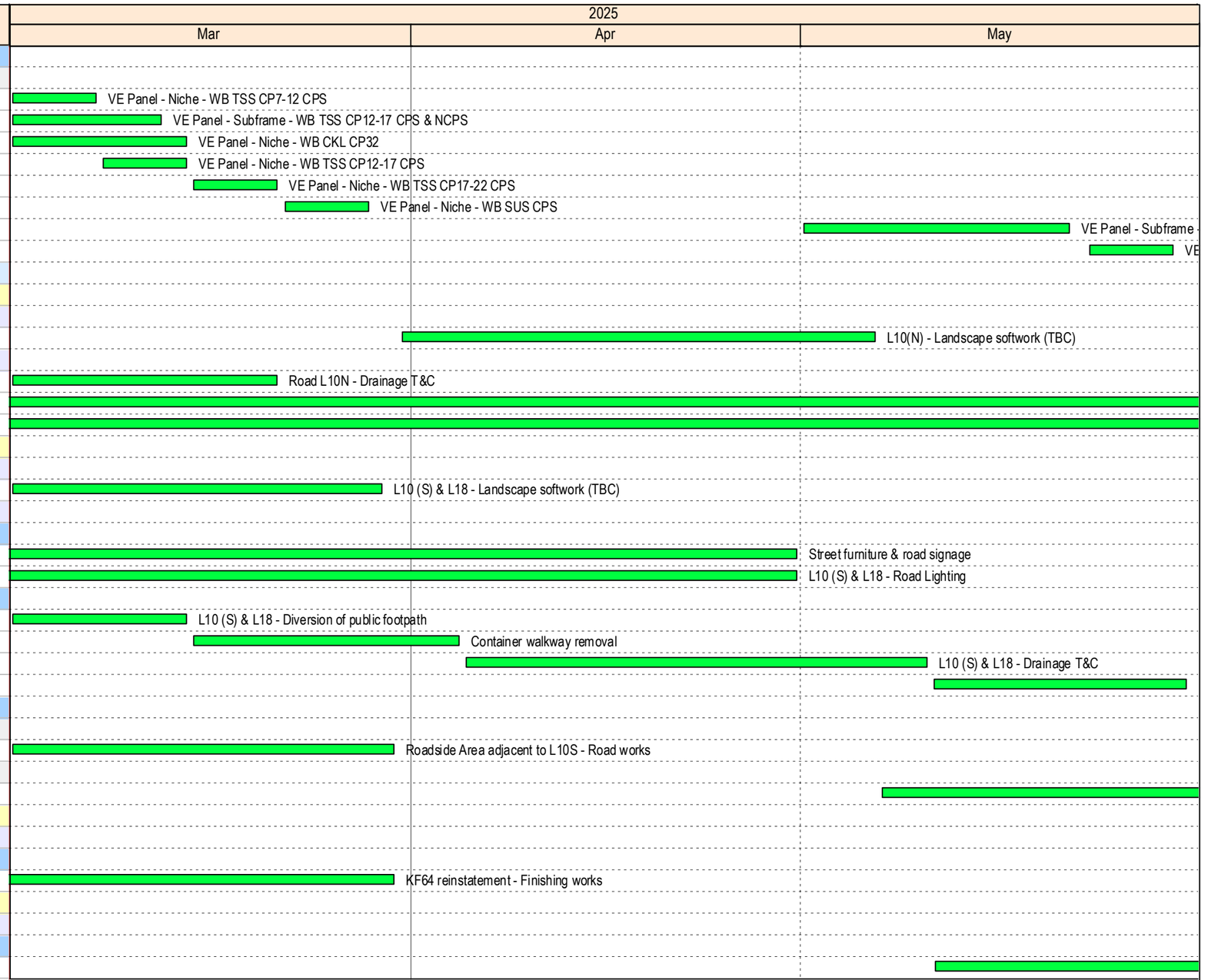
ED/2018/04 Trunk Road T2 and Infrastructure Works for Developments at South Apron

Three Months Rolling Programme (Mar25-May25)

BOUYGUES TRAVAUX PUBLICS

Date	Revision	Checked	Approved

Activity ID	Activity Name	Dur	Start	Finish
Westbound		90	01-Mar-25	29-May-25
Typical Subframe & Niche		90	01-Mar-25	29-May-25
VE10401	VE Panel - Niche - WB TSS CP7-12 CPS	7	01-Mar-25*	07-Mar-25
VE10070	VE Panel - Subframe - WB TSS CP12-17 CPS & NCPS	12	01-Mar-25*	12-Mar-25
VE10381	VE Panel - Niche - WB CKL CP32	14	01-Mar-25	14-Mar-25
VE10391	VE Panel - Niche - WB TSS CP12-17 CPS	7	08-Mar-25*	14-Mar-25
VE10411	VE Panel - Niche - WB TSS CP17-22 CPS	7	15-Mar-25	21-Mar-25
VE10421	VE Panel - Niche - WB SUS CPS	7	22-Mar-25	28-Mar-25
VE10060	VE Panel - Subframe - WB TSS CP7-12 CPS & NCPS	21	01-May-25*	21-May-25
VE10461	VE Panel - Niche - WB CKL EVB Portal	7	23-May-25	29-May-25
Infrastructure Works		228	15-Nov-24 A	30-Jun-25
07 Road L10(N)		219	24-Nov-24 A	30-Jun-25
L10(N) Landscape (KD-26)		26	31-Mar-25	06-May-25
LN10110	L10(N) - Landscape softwork (TBC)	26	31-Mar-25	06-May-25
L10(N) Remaining works		219	24-Nov-24 A	30-Jun-25
LN10100	Road L10N - Drainage T&C	21	01-Mar-25	21-Mar-25
LN10140	Road L10N - Road Lighting	193	19-Dec-24 A	29-Jun-25
LN10130	Road L10N - Street furniture & road signage	219	24-Nov-24 A	30-Jun-25
08 Road L10(S) & L18		203	15-Nov-24 A	05-Jun-25
L10(S) & L18 Landscape (KD-24)		25	01-Mar-25	29-Mar-25
A229445710	L10 (S) & L18 - Landscape softwork (TBC)	25	01-Mar-25*	29-Mar-25
L10(S) & L18 Remaining works		203	15-Nov-24 A	05-Jun-25
Miscellaneous road works		167	15-Nov-24 A	30-Apr-25
A229448740	Street furniture & road signage	167	15-Nov-24 A	30-Apr-25
A229448760	L10 (S) & L18 - Road Lighting	138	14-Dec-24 A	30-Apr-25
Preparation for road opening		91	01-Mar-25	30-May-25
A229448711	L10 (S) & L18 - Diversion of public footpath	14	01-Mar-25	14-Mar-25
A229448720	Container walkway removal	21	15-Mar-25	04-Apr-25
A229448721	L10 (S) & L18 - Drainage T&C	36	05-Apr-25	10-May-25
A229448730	L10 (S) & L18 - Final Paving works & Road Marking	20	11-May-25	30-May-25
Roadside Area adjacent to L10(S)		97	01-Mar-25	05-Jun-25
Roadworks		30	01-Mar-25	30-Mar-25
A229448810	Roadside Area adjacent to L10S - Road works	30	01-Mar-25*	30-Mar-25
Landscape		30	07-May-25	05-Jun-25
A229448820	Roadside Area adjacent to L10S - Landscape (TBC)	30	07-May-25	05-Jun-25
09 Footbridge FB-02 (KD-17 achieved)		86	04-Jan-25 A	30-Mar-25
FB-02 Remaining works		86	04-Jan-25 A	30-Mar-25
KF64 reinstatement		86	04-Jan-25 A	30-Mar-25
FB211130	KF64 reinstatement - Finishing works	86	04-Jan-25 A	30-Mar-25
10 Lam Chak Street / Kai Hing Road Modification		30	11-May-25	10-Jun-25
LCS/KHR Modification (KD-19)		30	11-May-25	10-Jun-25
VO -Additional Raod Lighting at Stage 1 Area		30	11-May-25	10-Jun-25
A229450080	VO - Additional Road Lighting installation	30	11-May-25	10-Jun-25



◆ Milestones
Planned Bar
Actual Bar

ED/2018/04 Trunk Road T2 and Infrastructure Works
for Developments at South Apron

Three Months Rolling Programme (Mar25-May25)

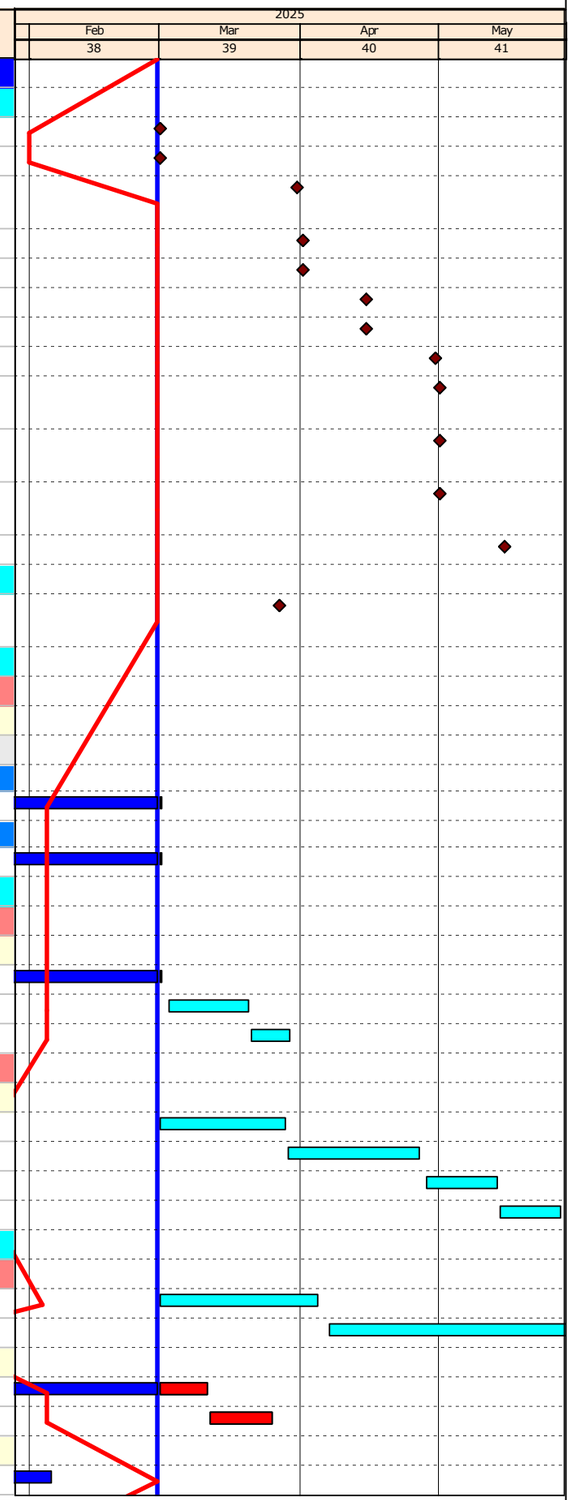
BOUYGUES TRAVAUX PUBLICS

Date	Revision	Checked	Approved

CONTRACT NO. ED/2020/03
TRUNK ROAD T2
TRAFFIC CONTROL SURVEILLANCE SYSTEM AND ASSOCIATED WORKS
THREE MONTH ROLLING PROGRAMME

Appendix III B - Three Month Rolling Programme

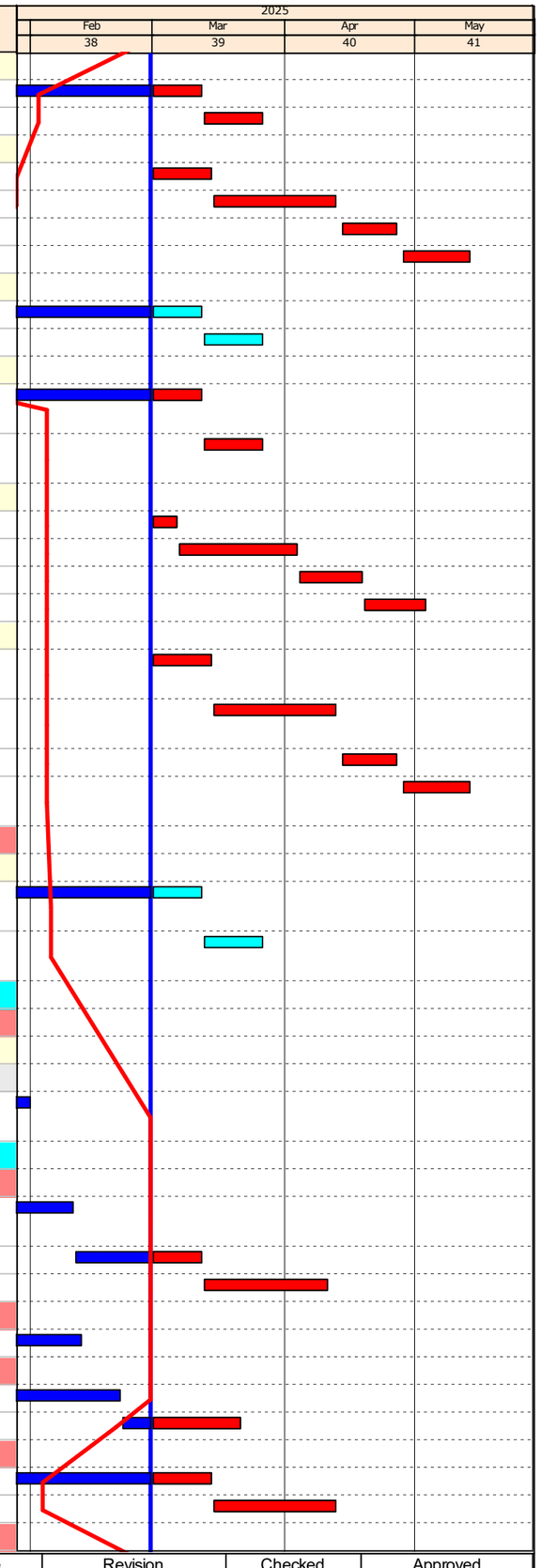
Activity ID	Activity Name	Original Duration	Early Start	Early Finish	Late Start	Late Finish	Actual Start	Actual Finish	Predecessor Details
Trunk Road T2 - Traffic Control & Surveillance System & Associated Works		571	01-Mar-25	08-Aug-25	09-Mar-24	20-Jan-28	10-Aug-23		
Access Dates		75	01-Mar-25	15-May-25	09-Mar-24	15-Feb-25			
AC1030	Portion 4 - TKO-LTT (LT Interchange)	0	01-Mar-25		09-Mar-24				
AC1040	Underpass S21	0	01-Mar-25		03-Feb-25				
AC1080h	Portion 2 - LS - CKL Tunnel CP21 to CP24 (VSLS Signage Anchor) - WB	0	31-Mar-25		25-Jan-25				
AC1010a	Portion 2 - LSCC to CP7 (CP Side) - WB	0	01-Apr-25		11-Sep-24				
AC1010c	Portion 2 - LSCC to CP7 (Under OHVD) - WB	0	01-Apr-25		27-Dec-24				
AC1010b	Portion 2 - LSCC to CP7 (NCP Side) - WB	0	15-Apr-25		02-Oct-24				
AC1010e	Portion 2 - LSCC to CP7 (Service Gallery) - WB	0	15-Apr-25		15-Feb-25				
AC1050i	Portion 2 - LS - CKL Tunnel CP7 to CP11 (Niche cabinet) - EB	0	30-Apr-25		31-Oct-24				
AC1090f	Portion 2 - LS - CKL Main Tunnel CP29 to CP32 (Service Gallery) - EB	0	01-May-25		07-Feb-25				
AC1090g	Portion 2 - LS - CKL Main Tunnel CP30 to CP32 (Road Level) - WB	0	01-May-25		17-Sep-24				
AC1090h	Portion 2 - LS - CKL Main Tunnel CP30 to CP32 (Service Gallery) - WB	0	01-May-25		07-Feb-25				
AC1010i	Portion 2 - LSCC to CP7 (Service Gallery) - EB	0	15-May-25		15-Feb-25				
Milestones of Contract T2		0	27-Mar-25	27-Mar-25	27-Mar-25	27-Mar-25			
KD1050	Commencement of Project-wide FSD Inspection - Contract T2	0	27-Mar-25		27-Mar-25				
Design & Submissions		304	01-Mar-25	01-Mar-25	25-Jun-25	20-Jan-28	29-Aug-23		
FSP Submissions (42 Working Days after Commencement of FSP)		304	01-Mar-25	01-Mar-25	25-Jun-25	20-Jan-28	29-Aug-23		
FSP Batch 1 Submission		304	01-Mar-25	01-Mar-25	25-Jun-25	20-Jan-28	29-Aug-23		
Central System		304	01-Mar-25	01-Mar-25	25-Jun-25	20-Jan-28	29-Aug-23		
Traffic Plan Review & Combine		140	01-Mar-25	01-Mar-25	20-Jan-28	20-Jan-28	28-Dec-23		
DS7300	Traffic Plan Review & Combine Workshop	140	01-Mar-25	01-Mar-25	20-Jan-28	20-Jan-28	28-Dec-23		DS1830: FS 22
IT Security Risk Assessment Plan		30	01-Mar-25	01-Mar-25	25-Jun-25	25-Jun-25	29-Aug-23		
DS7440	Approval on IT Security Risk Assessment Plan	30	01-Mar-25	01-Mar-25	25-Jun-25	25-Jun-25	29-Aug-23		DS7430: FS
Interface Coordination & Integration with Other Parties		246	01-Mar-25	27-May-25	27-Oct-27	20-Jan-28	17-May-24		
Interfacing Coordination with TKO-LTT (Civil)		199	01-Mar-25	29-Mar-25	21-Dec-27	20-Jan-28	17-May-24		
Detail Interfacing Management Plan (DIMP)		199	01-Mar-25	29-Mar-25	21-Dec-27	20-Jan-28	17-May-24		
DS6780	Comment on DIMP with TKO-LTT (Civil)	17	01-Mar-25	01-Mar-25	21-Dec-27	21-Dec-27	17-May-24		DS6770: FS
DS6790	Resubmit DIMP with TKO-LTT (Civil)	16	03-Mar-25	20-Mar-25	22-Dec-27	11-Jan-28			DS6780: FS
DS6800	Approval of DIMP with TKO-LTT (Civil)	8	21-Mar-25	29-Mar-25	12-Jan-28	20-Jan-28			DS6790: FS
Interfacing Coordination with T2		72	01-Mar-25	27-May-25	27-Oct-27	20-Jan-28			
Preliminary Interfacing Management Plan (PIMP)		72	01-Mar-25	27-May-25	27-Oct-27	20-Jan-28			
DS6890	Prepare & Submit PIMP with T2	24	01-Mar-25	28-Mar-25	27-Oct-27	23-Nov-27			DS2680: FS 211
DS6900	Comment on PIMP with T2	24	29-Mar-25	26-Apr-25	24-Nov-27	21-Dec-27			DS6890: FS
DS6910	Resubmit PIMP with T2	12	28-Apr-25	13-May-25	22-Dec-27	06-Jan-28			DS6900: FS
DS6920	Approval of PIMP with T2	12	14-May-25	27-May-25	07-Jan-28	20-Jan-28			DS6910: FS
Drawing & Installation Method Statement Submissions		459	01-Mar-25	06-Jun-25	01-Jun-24	20-Jan-28	10-Aug-23		
Installation Drawing Submission		459	01-Mar-25	06-Jun-25	01-Jun-24	20-Jan-28	08-Sep-23		
DS2695	Prepare & Submit Schedule of Installation Drawing	30	01-Mar-25	04-Apr-25	18-Oct-27	20-Nov-27			DS1050: FS 103
DS2705	Approval of Schedule of Installation Drawing	50	07-Apr-25	06-Jun-25	22-Nov-27	20-Jan-28			DS2695: FS
Traffic Control Devices		398	01-Mar-25	25-Mar-25	01-Jun-24	26-Jun-24	04-May-24		
DS8240	Resubmit Installation Drawing for Traffic Control Devices	12	01-Mar-25	11-Mar-25	01-Jun-24	12-Jun-24	04-May-24		DS5920: FS
DS8250	Approval of Installation Drawing for Traffic Control Devices	12	12-Mar-25	25-Mar-25	13-Jun-24	26-Jun-24			DS8240: FS, SC1150: FF
CCTV System		12					22-Jan-25	05-Feb-25	
DS8880	Approval of Installation Drawing for CCTV System	12					22-Jan-25	05-Feb-25	DS8870: FS, SC1410: FS



Remaining Work
Actual Work
Critical Activity
Milestone

Date	Revision	Checked	Approved
28-Feb-25	Rev. 0	MY	

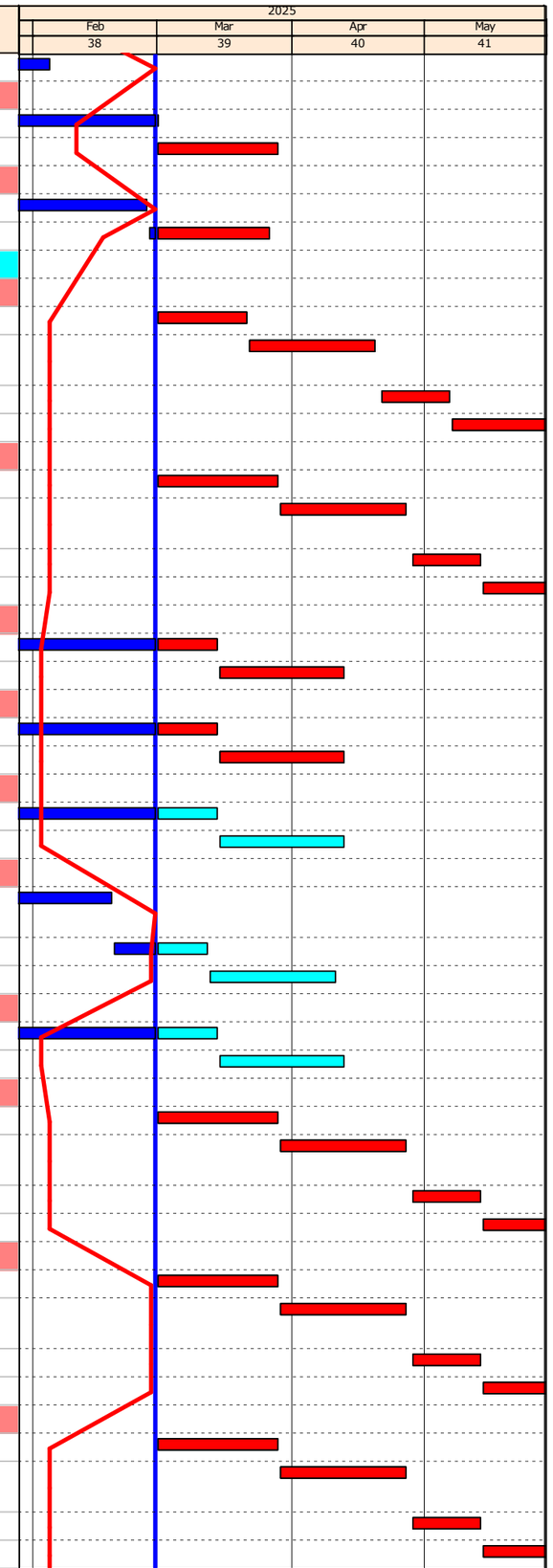
Activity ID	Activity Name	Original Duration	Early Start	Early Finish	Late Start	Late Finish	Actual Start	Actual Finish	Predecessor Details
PABX System		401	01-Mar-25	26-Mar-25	20-Aug-24	13-Sep-24	08-Sep-23		
DS6030	Resubmit Installation Drawing for PABX System	12	01-Mar-25	12-Mar-25	20-Aug-24	30-Aug-24	08-Sep-23		DS6020: FS
DS6040	Approval of Installation Drawing for PABX System	12	13-Mar-25	26-Mar-25	31-Aug-24	13-Sep-24			DS6030: FS, SC1560: FF
Radio System		60	01-Mar-25	13-May-25	30-Jul-24	09-Oct-24			
DS6130	Prepare & Submit Installation Drawing for Radio System	12	01-Mar-25	14-Mar-25	30-Jul-24	12-Aug-24			DS2154: FS
DS6140	Comment on Installation Drawing for Radio System	24	15-Mar-25	12-Apr-25	13-Aug-24	09-Sep-24			DS6130: FS
DS6150	Resubmit Installation Drawing for Radio System	12	14-Apr-25	26-Apr-25	10-Sep-24	24-Sep-24			DS6140: FS
DS6160	Approval of Installation Drawing for Radio System	12	28-Apr-25	13-May-25	25-Sep-24	09-Oct-24			DS6150: FS, SC1930: FF
Detection System		246	01-Mar-25	26-Mar-25	24-Dec-27	20-Jan-28	09-Dec-23		
DS8280	Resubmit Installation Drawing for Detection System	24	01-Mar-25	12-Mar-25	24-Dec-27	06-Jan-28	09-Dec-23		DS6200: FS
DS8290	Approval of Installation Drawing for Detection System	12	13-Mar-25	26-Mar-25	07-Jan-28	20-Jan-28			DS8280: FS, SC2060: FF
Manual Fallback Control System		245	01-Mar-25	26-Mar-25	12-Sep-24	09-Oct-24	04-May-24		
DS8300	Resubmit Installation Drawing for Manual Fallback Control System	12	01-Mar-25	12-Mar-25	12-Sep-24	24-Sep-24	04-May-24		DS6240: FS
DS8310	Approval of Installation Drawing for Manual Fallback Control System	12	13-Mar-25	26-Mar-25	25-Sep-24	09-Oct-24			DS8300: FS, SC2190: FF
Operation Facility		53	01-Mar-25	03-May-25	19-Aug-24	22-Oct-24			
DS6250	Prepare & Submit Installation Drawing for Operation Facility	5	01-Mar-25	06-Mar-25	19-Aug-24	23-Aug-24			DS2532: FS
DS6260	Comment on Installation Drawing for Operation Facility	24	07-Mar-25	03-Apr-25	24-Aug-24	21-Sep-24			DS6250: FS
DS6270	Resubmit Installation Drawing for Operation Facility	12	04-Apr-25	18-Apr-25	23-Sep-24	07-Oct-24			DS6260: FS
DS6280	Approval of Installation Drawing for Operation Facility	12	19-Apr-25	03-May-25	08-Oct-24	22-Oct-24			DS6270: FS, SC2630: FF
Speed Enforcement System		60	01-Mar-25	13-May-25	20-Sep-24	30-Nov-24			
DS6290	Prepare & Submit Installation Drawing for Speed Enforcement System	12	01-Mar-25	14-Mar-25	20-Sep-24	04-Oct-24			DS2472: FS
DS6300	Comment on Installation Drawing for Speed Enforcement System	24	15-Mar-25	12-Apr-25	05-Oct-24	02-Nov-24			DS6290: FS
DS6310	Resubmit Installation Drawing for Speed Enforcement System	12	14-Apr-25	26-Apr-25	04-Nov-24	16-Nov-24			DS6300: FS
DS6320	Approval of Installation Drawing for Speed Enforcement System	12	28-Apr-25	13-May-25	18-Nov-24	30-Nov-24			DS6310: FS, SC2340: FF
Installation Method Statement Submission		373	01-Mar-25	26-Mar-25	24-Dec-27	20-Jan-28	10-Aug-23		
Power Distribution System		373	01-Mar-25	26-Mar-25	24-Dec-27	20-Jan-28	10-Aug-23		
DS6550	Resubmit Installation Method Statement for Power Distribution System	6	01-Mar-25	12-Mar-25	24-Dec-27	06-Jan-28	10-Aug-23		DS6540: FS
DS6560	Approval of Installation Method Statement for Power Distribution System	12	13-Mar-25	26-Mar-25	07-Jan-28	20-Jan-28			DS6550: FS
FAT Plan Submissions, Equipment Procurement & Manufacturing		85					12-Mar-24	31-Jan-25	
Traffic Control Devices		85					12-Mar-24	31-Jan-25	
Equipment FAT & Manufacturing		85					12-Mar-24	31-Jan-25	
LED Signage		85					12-Mar-24	31-Jan-25	
EM1650	Post-FAT Manufacturing & Delivery of Traffic Control Devices (LED Signage)	85					12-Mar-24	31-Jan-25	EM1461: FS, SC1190: FF, DS4291: FS, DS8160: FS
SCT Plan Submissions		262	01-Mar-25	12-Apr-25	14-Sep-24	22-Mar-25	26-Oct-24		
Traffic Control Devices		235	01-Mar-25	10-Apr-25	11-Jan-25	22-Feb-25	11-Jan-25		
DS3010	Comment on SCT Plan/ Workshops (System Briefing & Comment Discussion)	24					11-Jan-25	10-Feb-25	DS3000: FS
DS8910	Resubmission of SCT Plan for Traffic Control Devices	12	01-Mar-25	12-Mar-25	11-Jan-25	22-Jan-25	11-Feb-25		DS3010: FS
DS8920	Approval of SCT Plan for Traffic Control Devices	24	13-Mar-25	10-Apr-25	23-Jan-25	22-Feb-25			DS8910: FS, SC1200: FF
CCTV System		24					28-Jan-25	12-Feb-25	
DS8940	Approval of SCT Plan for CCTV System	24					28-Jan-25	12-Feb-25	DS8930: FS, SC1460: FF
Radio System		256	01-Mar-25	21-Mar-25	23-Nov-24	13-Dec-24	26-Oct-24		
DS3240	Resubmission of SCT Plan for Radio System	12					26-Oct-24	21-Feb-25	DS3230: FS
DS3250	Approval of SCT Plan for Radio System	24	01-Mar-25	21-Mar-25	23-Nov-24	13-Dec-24	22-Feb-25		DS3240: FS, SC1980: FF
Detection System		262	01-Mar-25	12-Apr-25	05-Dec-24	17-Jan-25	31-Dec-24		
DS3280	Resubmission of SCT Plan for Detection System	12	01-Mar-25	14-Mar-25	05-Dec-24	18-Dec-24	31-Dec-24		DS3270: FS
DS3290	Approval of SCT Plan for Detection System	24	15-Mar-25	12-Apr-25	19-Dec-24	17-Jan-25			DS3280: FS, SC2110: FF
Operation Facility		24					25-Jan-25	04-Feb-25	



Remaining Work
Actual Work
Critical Activity
Milestone

Date	Revision	Checked	Approved
28-Feb-25	Rev. 0	MY	

Activity ID	Activity Name	Original Duration	Early Start	Early Finish	Late Start	Late Finish	Actual Start	Actual Finish	Predecessor Details
DS8900	Approval of SCT Plan for Operation Facility	24					25-Jan-25	04-Feb-25	DS8890: FS, SC2690: FF
Speed Enforcement System		250	01-Mar-25	28-Mar-25	22-Feb-25	22-Mar-25	24-Dec-24		
DS8850	Resubmission of SCT Plan for Speed Enforcement System	12	01-Mar-25	01-Mar-25	22-Feb-25	22-Feb-25	24-Dec-24		DS3410: FS
DS8860	Approval of SCT Plan for Speed Enforcement System	24	01-Mar-25	28-Mar-25	24-Feb-25	22-Mar-25			DS8850: FS, SC2370: FF
Power Distribution System		262	01-Mar-25	26-Mar-25	14-Sep-24	12-Oct-24	31-Oct-24		
DS3440	Resubmission of SCT Plan for Power Distribution System	12					31-Oct-24	26-Feb-25	DS3430: FS
DS3450	Approval of SCT Plan for Power Distribution System	24	01-Mar-25	26-Mar-25	14-Sep-24	12-Oct-24	27-Feb-25		DS3440: FS, SC2490: FF
SAT Plan Submissions		302	01-Mar-25	11-Jun-25	12-Nov-24	26-Oct-26	12-Dec-24		
Central System		78	01-Mar-25	04-Jun-25	07-Jan-25	11-Apr-25			
DS3500	Submission of Central System SAT Plan	18	01-Mar-25	21-Mar-25	07-Jan-25	27-Jan-25			DS2940: FS
DS3510	Comment on SAT Plan/ Workshops (System Briefing & Comment Discussion)	24	22-Mar-25	19-Apr-25	28-Jan-25	27-Feb-25			DS3500: FS
DS3520	Resubmission of SAT Plan for Central System	12	21-Apr-25	06-May-25	28-Feb-25	13-Mar-25			DS3510: FS
DS3530	Approval of SAT Plan for Central System	24	07-May-25	04-Jun-25	14-Mar-25	11-Apr-25			DS3520: FS, SC1090: FF
Traffic Control Devices		84	01-Mar-25	11-Jun-25	30-Dec-24	11-Apr-25			
DS3540	Submission of Traffic Control Devices System SAT Plan	24	01-Mar-25	28-Mar-25	30-Dec-24	27-Jan-25			DS2980: FS
DS3550	Comment on SAT Plan/ Workshops (System Briefing & Comment Discussion)	24	29-Mar-25	26-Apr-25	28-Jan-25	27-Feb-25			DS3540: FS
DS3560	Resubmission of SAT Plan for Traffic Control Devices	12	28-Apr-25	13-May-25	28-Feb-25	13-Mar-25			DS3550: FS
DS3570	Approval of SAT Plan for Traffic Control Devices	24	14-May-25	11-Jun-25	14-Mar-25	11-Apr-25			DS3560: FS, SC1220: FF
Communication System		254	01-Mar-25	12-Apr-25	19-Nov-24	31-Dec-24	17-Jan-25		
DS3600	Resubmission of SAT Plan for Communication System	12	01-Mar-25	14-Mar-25	19-Nov-24	02-Dec-24	17-Jan-25		DS3590: FS
DS3610	Approval of SAT Plan for Communication System	24	15-Mar-25	12-Apr-25	03-Dec-24	31-Dec-24			DS3600: FS, SC1350: FF
CCTV System		238	01-Mar-25	12-Apr-25	24-Feb-25	07-Apr-25	14-Jan-25		
DS3640	Resubmission of SAT Plan for CCTV System	12	01-Mar-25	14-Mar-25	24-Feb-25	08-Mar-25	14-Jan-25		DS3630: FS
DS3650	Approval of SAT Plan for CCTV System	24	15-Mar-25	12-Apr-25	10-Mar-25	07-Apr-25			DS3640: FS, SC1480: FF
PABX System		214	01-Mar-25	12-Apr-25	11-Sep-26	26-Oct-26	12-Dec-24		
DS3680	Resubmission of SAT Plan for PABX System	12	01-Mar-25	14-Mar-25	11-Sep-26	24-Sep-26	12-Dec-24		DS3670: FS
DS3690	Approval of SAT Plan for PABX System	24	15-Mar-25	12-Apr-25	25-Sep-26	26-Oct-26			DS3680: FS, SC1610: FF
ET System		250	01-Mar-25	10-Apr-25	26-Mar-25	07-May-25	25-Jan-25		
DS3710	Comment on SAT Plan/ Workshops (System Briefing & Comment Discussion)	24					25-Jan-25	18-Feb-25	DS3700: FS
DS3720	Resubmission of SAT Plan for ET System	12	01-Mar-25	12-Mar-25	26-Mar-25	07-Apr-25	19-Feb-25		DS3710: FS
DS3730	Approval of SAT Plan for ET System	24	13-Mar-25	10-Apr-25	08-Apr-25	07-May-25			DS3720: FS, SC1740: FF
PA System		214	01-Mar-25	12-Apr-25	28-Aug-26	10-Oct-26	10-Jan-25		
DS3760	Resubmission of SAT Plan for PA System	12	01-Mar-25	14-Mar-25	28-Aug-26	10-Sep-26	10-Jan-25		DS3750: FS
DS3770	Approval of SAT Plan for PA System	24	15-Mar-25	12-Apr-25	11-Sep-26	10-Oct-26			DS3760: FS, SC1870: FF
Radio System		84	01-Mar-25	11-Jun-25	23-Jan-25	07-May-25			
DS3780	Submission of Radio System SAT Plan	24	01-Mar-25	28-Mar-25	23-Jan-25	22-Feb-25			DS3220: FS 48
DS3790	Comment on SAT Plan/ Workshops (System Briefing & Comment Discussion)	24	29-Mar-25	26-Apr-25	24-Feb-25	22-Mar-25			DS3780: FS
DS3800	Resubmission of SAT Plan for Radio System	12	28-Apr-25	13-May-25	24-Mar-25	07-Apr-25			DS3790: FS
DS3810	Approval of SAT Plan for Radio System	24	14-May-25	11-Jun-25	08-Apr-25	07-May-25			DS3800: FS, SC2000: FF
Detection System		84	01-Mar-25	11-Jun-25	04-Jan-25	16-Apr-25			
DS3820	Submission of Detection System SAT Plan	24	01-Mar-25	28-Mar-25	04-Jan-25	04-Feb-25			DS3260: FS 72
DS3830	Comment on SAT Plan/ Workshops (System Briefing & Comment Discussion)	24	29-Mar-25	26-Apr-25	05-Feb-25	04-Mar-25			DS3820: FS
DS3840	Resubmission of SAT Plan for Detection System	12	28-Apr-25	13-May-25	05-Mar-25	18-Mar-25			DS3830: FS
DS3850	Approval of SAT Plan for Detection System	24	14-May-25	11-Jun-25	19-Mar-25	16-Apr-25			DS3840: FS, SC2130: FF
Manual Fallback Control System		84	01-Mar-25	11-Jun-25	12-Nov-24	22-Feb-25			
DS3860	Submission of Manual Fallback Control System SAT Plan	24	01-Mar-25	28-Mar-25	12-Nov-24	09-Dec-24			DS3300: FS
DS3870	Comment on SAT Plan/ Workshops (System Briefing & Comment Discussion)	24	29-Mar-25	26-Apr-25	10-Dec-24	08-Jan-25			DS3860: FS
DS3880	Resubmission of SAT Plan for Manual Fallback Control System	12	28-Apr-25	13-May-25	09-Jan-25	22-Jan-25			DS3870: FS
DS3890	Approval of SAT Plan for Manual Fallback Control System	24	14-May-25	11-Jun-25	23-Jan-25	22-Feb-25			DS3880: FS, SC2270: FF



Remaining Work
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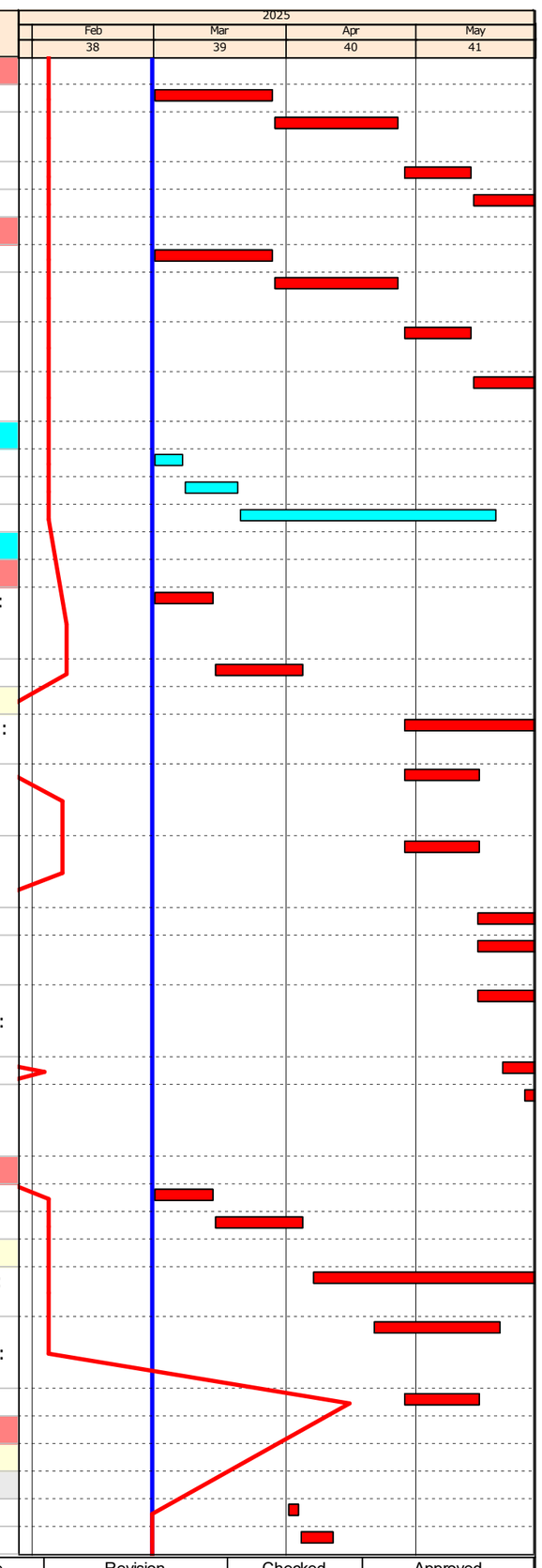
Date	Revision	Checked	Approved
28-Feb-25	Rev. 0	MY	

Activity ID	Activity Name	Original Duration	Early Start	Early Finish	Late Start	Late Finish	Actual Start	Actual Finish	Predecessor Details
Operation Facility		84	01-Mar-25	11-Jun-25	30-Dec-24	11-Apr-25			
DS3900	Submission of Operation Facility SAT Plan	24	01-Mar-25	28-Mar-25	30-Dec-24	27-Jan-25			DS3340: FS
DS3910	Comment on SAT Plan/ Workshops (System Briefing & Comment Discussion)	24	29-Mar-25	26-Apr-25	28-Jan-25	27-Feb-25			DS3900: FS
DS3920	Resubmission of SAT Plan for Operation Facility	12	28-Apr-25	13-May-25	28-Feb-25	13-Mar-25			DS3910: FS
DS3930	Approval of SAT Plan for Operation Facility	24	14-May-25	11-Jun-25	14-Mar-25	11-Apr-25			DS3920: FS, SC2710: FF
Speed Enforcement System		84	01-Mar-25	11-Jun-25	30-Dec-24	11-Apr-25			
DS3940	Submission of Speed Enforcement System Reliability Test Plan	24	01-Mar-25	28-Mar-25	30-Dec-24	27-Jan-25			DS3380: FS
DS3950	Comment on Reliability Test Plan/ Workshops (System Briefing & Comment Discussion)	24	29-Mar-25	26-Apr-25	28-Jan-25	27-Feb-25			DS3940: FS
DS3960	Resubmission of Reliability Test Plan for Speed Enforcement System	12	28-Apr-25	13-May-25	28-Feb-25	13-Mar-25			DS3950: FS
DS3970	Approval of Reliability Test Plan for Speed Enforcement System	24	14-May-25	11-Jun-25	14-Mar-25	11-Apr-25			DS3960: FS, SC2380: FF
Training Document & O&M Manual Submission for T2/TKOLTT TCSS		65	01-Mar-25	19-May-25	25-Aug-27	11-Nov-27			
DS3980	Submit Document for System Description	6	01-Mar-25	07-Mar-25	25-Aug-27	31-Aug-27			DS3580: SS 30
DS4010	Submit System Administration Manual	11	08-Mar-25	20-Mar-25	01-Sep-27	13-Sep-27			DS3980: FS
DS4020	Submit Training Manual	48	21-Mar-25	19-May-25	14-Sep-27	11-Nov-27			DS4010: FS
Site Installation and Testing & Commissioning		382	01-Mar-25	08-Aug-25	09-Mar-24	20-Jan-28	01-Apr-24		
Portion 4 - TKO-LTT (LT Interchange)		118	01-Mar-25	22-Jul-25	09-Mar-24	25-Nov-24			
SW1020	Inpect Civil Provisions & Submit Inspection Report	12	01-Mar-25	14-Mar-25	09-Mar-24	22-Mar-24			AC1030: SS, DS6600: FS, DS6680: FS, DS6760: FS, DS6840: FS
SW1030	Rectify Civil Provision Defects by Others	18	15-Mar-25	04-Apr-25	23-Mar-24	13-Apr-24			SW1020: FS
Installation Works		70	28-Apr-25	22-Jul-25	07-May-24	25-Nov-24			
SW1040	Install Cable Containments	48	28-Apr-25	25-Jun-25	07-May-24	04-Jul-24			DS6400: FS, DS6540: FS, SW1030: FS 18
SW1130	Install VSLS on Gantry	14	28-Apr-25	15-May-25	02-Sep-24	17-Sep-24			SC1210: FF, DS2810: FS, EM1650: FS, DS8250: FS, SW1040: SS
SW1140	Install PVMS on Gantry	14	28-Apr-25	15-May-25	04-Jul-24	19-Jul-24			SC1210: FF, EM1030: FS, DS2810: FS, EM1650: FS, DS8250: FS, SW1040: SS
SW1050	Install Equipment Racks	24	15-May-25	12-Jun-25	19-Jul-24	15-Aug-24			SW1030: FS, SW1140: SS 13
SW1060	Install CCTV Camera	36	15-May-25	26-Jun-25	23-Jul-24	02-Sep-24			SW1040: SS 13, SW1930: SS 13, DS4090: FS, DS6440: FS
SW1070	Install Detection Camera	36	15-May-25	26-Jun-25	23-Jul-24	02-Sep-24			SW1040: SS 13, SW1930: SS 13, DS4490: FS, DS6440: FS, DS7500: FS
SW1170	Install Manual Barriers	24	21-May-25	18-Jun-25	29-Oct-24	25-Nov-24			SW1130: FS, SW1140: SS 18
SW1080	Laying of Signal Cable - the 1st Section	48	26-May-25	22-Jul-25	02-Aug-24	27-Sep-24			SW1040: SS 22, SW1060: SS 9, SW1070: SS 9, SW1930: SS 22, DS8480: FS, DS8580: FS
Portion 1 - South Apron Up to SUS		78	01-Mar-25	04-Jun-25	31-May-24	04-Nov-24			
SW1210	Inspect Civil Provisions & Submit Inspection Report	12	01-Mar-25	14-Mar-25	31-May-24	14-Jun-24			AC1000: SS
SW1220	Rectify Civil Provision Defects by Others	18	15-Mar-25	04-Apr-25	15-Jun-24	06-Jul-24			SW1210: FS
Installation Works		48	07-Apr-25	04-Jun-25	08-Jul-24	04-Nov-24			
SW1230	Install Cable Containments - the 1st Section	48	07-Apr-25	04-Jun-25	08-Jul-24	31-Aug-24			SW1220: FS, SC2480: FF, DS6404: FS, DS6540: FS
SW1250	Install Detection Cameras	24	21-Apr-25	20-May-25	07-Oct-24	04-Nov-24			SW1230: SS 12, SW2000: SS 12, DS4490: FS, DS6440: FS, DS7500: FS
SW1260	Signal Cable Laying - the 1st Section	14	28-Apr-25	15-May-25	11-Sep-24	27-Sep-24			SW1230: SS 18
Portion 2 - Tunnel Section, Service Gallery, WVB & EVB		382	01-Mar-25	08-Aug-25	20-Jul-24	20-Jan-28	01-Apr-24		
Tunnel Section		151	01-Mar-25	08-Aug-25	25-Jul-24	20-Jan-28	01-Nov-24		
Tunnel Section - LSCC to CP7		54	01-Apr-25	06-Jun-25	11-Sep-24	07-Apr-25			
SW3080	Inspect Civil Provisions & Submit Inspection Report	3	01-Apr-25	03-Apr-25	11-Sep-24	13-Sep-24			AC1010a: SS
SW3090	Rectify Civil Provision Defects by Others	6	04-Apr-25	11-Apr-25	14-Sep-24	21-Sep-24			SW3080: FS



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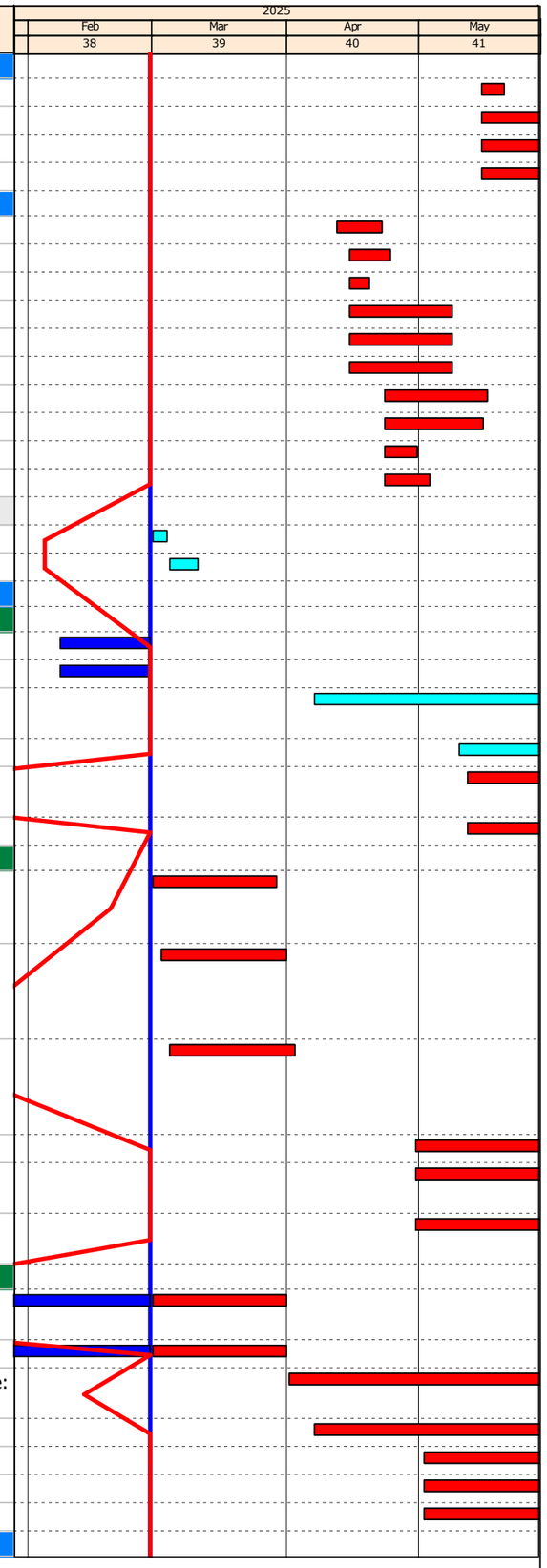
28-Feb-25	Rev. 0	MY	

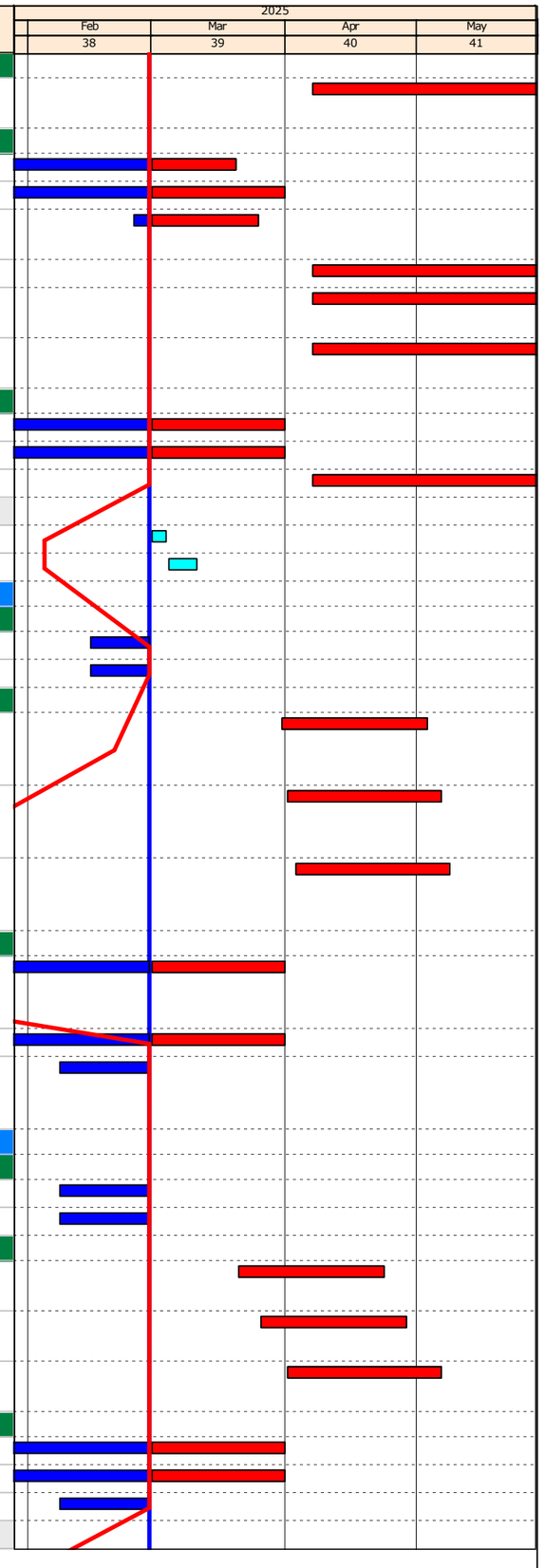
Activity ID	Activity Name	Original Duration	Early Start	Early Finish	Late Start	Late Finish	Actual Start	Actual Finish	Predecessor Details
East Bound		19	15-May-25	06-Jun-25	15-Feb-25	07-Apr-25			
SW302(	Install ET (Service Gallery)	5	15-May-25	20-May-25	04-Mar-25	08-Mar-25			AC1010i: SS
SW3050	Install PA in Service Gallery	19	15-May-25	06-Jun-25	15-Mar-25	07-Apr-25			AC1010i: SS
SW3060	Install PABX in Service Gallery	19	15-May-25	06-Jun-25	15-Mar-25	07-Apr-25			SW3050: SS, AC1010i: SS
SW3070	Install Radio System in Service Gallery	19	15-May-25	06-Jun-25	15-Feb-25	08-Mar-25			AC1010i: SS
West Bound		28	12-Apr-25	16-May-25	02-Oct-24	07-Apr-25			
SW3100	Install Cable Containment (CP Side)	9	12-Apr-25	22-Apr-25	02-Oct-24	12-Oct-24			AC1010a: SS, SW3090: FS
SW310(	Install Cable Containment (NCP Side)	9	15-Apr-25	24-Apr-25	02-Oct-24	12-Oct-24			AC1010b: SS
SW314(	Install ET (Service Gallery)	5	15-Apr-25	19-Apr-25	04-Mar-25	08-Mar-25			AC1010e: SS
SW3170	Install PA in Service Gallery	19	15-Apr-25	08-May-25	01-Mar-25	22-Mar-25			AC1010e: SS
SW3180	Install PABX in Service Gallery	19	15-Apr-25	08-May-25	15-Mar-25	07-Apr-25			AC1010e: SS
SW3190	Install Radio System in Service Gallery	19	15-Apr-25	08-May-25	15-Feb-25	08-Mar-25			AC1010e: SS
SW3110	Install CCTV Camera	19	23-Apr-25	16-May-25	13-Feb-25	06-Mar-25			SW3100: FS, AC1010c: SS
SW3120	Install Detection Camera	18	23-Apr-25	15-May-25	27-Dec-24	17-Jan-25			SW3100: FS, AC1010c: SS
SW3130	Install SEC Camera	7	23-Apr-25	30-Apr-25	15-Mar-25	22-Mar-25			SW3100: FS
SW3150	Install Traffic Control Devices	9	23-Apr-25	03-May-25	13-Feb-25	22-Feb-25			SW3100: FS, AC1010c: SS
Tunnel Section - CP7 to CP11		151	01-Mar-25	08-Aug-25	25-Jul-24	20-Jan-28	01-Nov-24		
SW2860	Inspect Civil Provisions & Submit Inspection Report	3	01-Mar-25	04-Mar-25	11-Jan-28	13-Jan-28			AC1050a: SS
SW2870	Rectify Civil Provision Defects by Others	6	05-Mar-25	11-Mar-25	14-Jan-28	20-Jan-28			SW2860: FS
East Bound		151	01-Mar-25	08-Aug-25	25-Jul-24	20-Jan-28	01-Nov-24		
CP Side		130	07-Apr-25	08-Aug-25	12-Nov-24	20-Jan-28	08-Feb-25		
SW406	Install TCSS Cabinet - CP7 to CP11	22					08-Feb-25	28-Feb-25	SW2350: SS, AC1050d: SS
SW407	Install IDF - CP7 to CP11	22					08-Feb-25	28-Feb-25	SW4060: SS, AC1050d: SS
SW4060	TCSS Cabinet - SCT Cable Test & Final Circuit Wiring - CP7 to CP21	75	07-Apr-25	10-Jul-25	23-Oct-27	20-Jan-28			SW4060: SS, SW2340d: SS
SW406	TCSS Cabinet - Physical Inspection - CP7 to CP21	25	10-May-25	09-Jun-25	21-Dec-27	20-Jan-28			SW4060a: SS 24
SW2340	Install ET (Road Level) - CP7 to CP11	16	12-May-25	29-May-25	12-Nov-24	29-Nov-24			DS4190: FS, DS6080: FS, DS6480: FS, AC1050i: SS 12
SW234	ET - SCT Cable Test & Final Circuit Wiring - CP7 to CP21	75	12-May-25	08-Aug-25	26-Nov-24	08-Mar-25			SW2340: SS
OHVD		127	01-Mar-25	05-Aug-25	17-Aug-24	22-Feb-25			
SW2310	Install CCTV Camera - CP7 to CP11	25	01-Mar-25	29-Mar-25	17-Aug-24	14-Sep-24			SC1470: FF, DS4090: FS, DS6440: FS, SW2300: FS, AC1050b: SS
SW2320	Install Detection Camera - CP7 to CP11	25	03-Mar-25	31-Mar-25	23-Sep-24	23-Oct-24			SW2310: SS 1, SC2120: FF, DS6440: FS, DS7500: FS, EM1530: FS, SW2300: FS, AC1050b: SS
SW2350	Install Traffic Control Devices - CP7 to CP11	25	05-Mar-25	02-Apr-25	06-Nov-24	04-Dec-24			SW2300: FS, SC1210: FF, DS2810: FS, EM1650: FS, AC1050b: SS, SW2310: SS 3, DS5920: FS
SW231	CCTV - SCT Cable Test & Final Circuit Wiring - CP7 to CP21	80	30-Apr-25	05-Aug-25	15-Oct-24	17-Jan-25			SW2310: SS 16, SW2430: SS 22
SW2320	Detection Camera - SCT Cable Test & Final Circuit Wiring - CP7 to CP21	80	30-Apr-25	05-Aug-25	15-Oct-24	17-Jan-25			SW2320: SS, SW2310a: SS
SW2350	Traffic Control Devices - SCT Cable Test & Final Circuit Wiring - CP7 to CP21	80	30-Apr-25	05-Aug-25	06-Nov-24	22-Feb-25			SW2350: SS, SW2310a: SS
Service Gallery		99	01-Mar-25	07-Jun-25	25-Jul-24	22-Mar-25	01-Nov-24		
SW2370	Install PA in Service Gallery - CP7 to CP11	17	01-Mar-25	31-Mar-25	21-Feb-25	22-Mar-25	01-Nov-24		DS4240: FS, DS6480: FS, DS6120: FS, AC1050e: SS
SW234	Install ET in Service Gallery - CP7 to CP11	17	01-Mar-25	31-Mar-25	25-Jul-24	23-Aug-24	01-Nov-24		AC1050e: SS
SW2390	Install LCX Bracket - CP7 to CP21	49	01-Apr-25	30-May-25	24-Aug-24	23-Oct-24			DS4390: FS, DS6520: FS, AC1050e: SS, SW2340a: FS
SW234	ET - SCT Cable Test & Final Circuit Wiring - CP7 to CP21	48	07-Apr-25	07-Jun-25	15-Oct-24	09-Dec-24			SW2340a: FS 4, SW2590a: FS
SW239	Install LCX Cable - CP7 to CP21	24	02-May-25	30-May-25	24-Jan-25	06-Mar-25			SW2390: SS 25
SW239	Install RAD Feeder Cable - CP7 to CP21	24	02-May-25	30-May-25	24-Jan-25	06-Mar-25			SW2390a: SS
SW239	Install RAD Equipment & Coupler - CP7 to CP21	24	02-May-25	30-May-25	24-Jan-25	06-Mar-25			SW2390b: SS
West Bound		128	01-Mar-25	16-Jul-25	28-Aug-24	06-Mar-25	01-Nov-24		



Remaining Work
Actual Work
Critical Activity
Milestone

Date	Revision	Checked	Approved
28-Feb-25	Rev. 0	MY	

Activity ID	Activity Name	Original Duration	Early Start	Early Finish	Late Start	Late Finish	Actual Start	Actual Finish	Predecessor Details
CP Side		75	07-Apr-25	10-Jul-25	11-Nov-24	21-Feb-25			
SW4100	TCSS Cabinet - SCT Cable Test & Final Circuit Wiring - CP7 to CP21	75	07-Apr-25	10-Jul-25	11-Nov-24	21-Feb-25			SW4100: SS, SW2340d: SS
OHVD		110	01-Mar-25	16-Jul-25	15-Oct-24	06-Mar-25	15-Jan-25		
SW322	Install Detection Camera - CP7 to CP11	25	01-Mar-25	20-Mar-25	15-Oct-24	02-Nov-24	15-Jan-25		AC1050b: SS, SW3200: FS
SW325	Install Traffic Control Devices - CP7 to CP11	25	01-Mar-25	31-Mar-25	06-Nov-24	05-Dec-24	15-Jan-25		AC1050b: SS, SW3200: FS
SW3210	Install CCTV Camera - CP7 to CP11	25	01-Mar-25	25-Mar-25	18-Nov-24	11-Dec-24	25-Feb-25		AC1050b: SS, SW3200: FS, SW3250: FS 3
SW321	CCTV - SCT Cable Test & Final Circuit Wiring - CP7 to CP21	80	07-Apr-25	16-Jul-25	18-Nov-24	06-Mar-25			SW3210: SS, SW3220a: SS
SW3220	Detection Camera - SCT Cable Test & Final Circuit Wiring - CP7 to CP21	80	07-Apr-25	16-Jul-25	15-Oct-24	17-Jan-25			SW3220: SS, SW2340d: SS
SW3250	Traffic Control Devices - SCT Cable Test & Final Circuit Wiring - CP7 to CP21	80	07-Apr-25	16-Jul-25	06-Nov-24	22-Feb-25			SW3250: SS, SW3220a: SS
Service Gallery		96	01-Mar-25	07-Jun-25	28-Aug-24	24-Jan-25	01-Nov-24		
SW324	Install ET in Service Gallery - CP7 to CP11	17	01-Mar-25	31-Mar-25	29-Oct-24	27-Nov-24	01-Nov-24		AC1050h: SS
SW327	Install PA in Service Gallery - CP7 to CP11	17	01-Mar-25	31-Mar-25	28-Aug-24	27-Sep-24	01-Nov-24		AC1050h: SS
SW324	ET - SCT Cable Test & Final Circuit Wiring - CP7 to CP21	48	07-Apr-25	07-Jun-25	28-Nov-24	24-Jan-25			SW3240a: FS, SW2340d: SS
Tunnel Section - CP11 to CP16		74	01-Mar-25	08-May-25	16-Sep-24	20-Jan-28	04-Dec-24		
SW2880	Inspect Civil Provisions & Submit Inspection Report	3	01-Mar-25	04-Mar-25	11-Jan-28	13-Jan-28			AC1060a: SS
SW2890	Rectify Civil Provision Defects by Others	6	05-Mar-25	11-Mar-25	14-Jan-28	20-Jan-28			SW2880: FS
East Bound		71	01-Mar-25	08-May-25	16-Sep-24	22-Mar-25	04-Dec-24		
CP Side		22					15-Feb-25	28-Feb-25	
SW414	Install TCSS Cabinet - CP11 to CP16	22					15-Feb-25	28-Feb-25	SW4060: SS 6, AC1060d: SS
SW415	Install IDF - CP11 to CP16	22					15-Feb-25	28-Feb-25	SW4140: SS, AC1060d: SS
OHVD		28	31-Mar-25	08-May-25	16-Sep-24	10-Jan-25			
SW2430	Install CCTV Camera - CP11 to CP16	25	31-Mar-25	03-May-25	16-Sep-24	17-Oct-24			SC1470: FF, DS4090: FS, DS6440: FS, AC1060b: SS, SW2310: FS
SW2450	Install Detection Camera - CP11 to CP16	25	01-Apr-25	06-May-25	19-Nov-24	17-Dec-24			SC2120: FF, DS6440: FS, DS7500: FS, EM1530: FS, AC1060b: SS, SW2320: FS
SW2460	Install Traffic Control Devices - CP11 to CP16	25	03-Apr-25	08-May-25	11-Dec-24	10-Jan-25			SC1210: FF, DS2810: FS, EM1650: FS, DS8250: FF, AC1060b: SS, SW2350: FS
Service Gallery		40	01-Mar-25	31-Mar-25	24-Jan-25	22-Mar-25	04-Dec-24		
SW2410	Install PA in Service Gallery - CP11 to CP16	17	01-Mar-25	31-Mar-25	21-Feb-25	22-Mar-25	04-Dec-24		SC1860: FF, DS4240: FS, DS6480: FS, DS6120: FS, AC1060e: SS
SW248	Install ET in Service Gallery - CP11 to CP16	17	01-Mar-25	31-Mar-25	24-Jan-25	08-Mar-25	04-Dec-24		AC1060e: SS
SW2440	Install IDF in Service Gallery - CP11 to CP16	22					08-Feb-25	28-Feb-25	SC1590: FF, DS4140: FS, DS6040: FF, DS6480: FS, AC1060e: SS
West Bound		69	01-Mar-25	06-May-25	25-Nov-24	22-Mar-25	04-Dec-24		
CP Side		22					08-Feb-25	28-Feb-25	
SW419	Install TCSS Cabinet - CP11 to CP16	22					08-Feb-25	28-Feb-25	SW3300: FS, AC1060d: SS
SW420	Install IDF - CP11 to CP16	22					08-Feb-25	28-Feb-25	SW4190: SS, AC1060d: SS
OHVD		34	21-Mar-25	06-May-25	25-Nov-24	11-Feb-25			
SW3320	Install Detection Camera - CP11 to CP16	25	21-Mar-25	23-Apr-25	25-Nov-24	23-Dec-24			SW3300: FS, AC1060b: SS, SW3220: FS
SW3310	Install CCTV Camera - CP11 to CP16	25	26-Mar-25	28-Apr-25	30-Dec-24	11-Feb-25			SW3300: FS, AC1060b: SS, SW3210: FS
SW3370	Install Traffic Control Devices - CP11 to CP16	25	01-Apr-25	06-May-25	17-Dec-24	16-Jan-25			SW3300: FS, AC1060b: SS, SW3250: FS
Service Gallery		40	01-Mar-25	31-Mar-25	24-Jan-25	22-Mar-25	04-Dec-24		
SW334	Install PA in Service Gallery - CP11 to CP16	17	01-Mar-25	31-Mar-25	21-Feb-25	22-Mar-25	04-Dec-24		AC1060h: SS
SW336	Install ET in Service Gallery - CP11 to CP16	17	01-Mar-25	31-Mar-25	24-Jan-25	08-Mar-25	04-Dec-24		AC1060h: SS
SW335	Install IDF in Service Gallery - CP11 to CP16	22					08-Feb-25	28-Feb-25	AC1060h: SS
Tunnel Section - CP16 to CP21		99	01-Mar-25	07-Jun-25	11-Sep-24	20-Jan-28	26-Dec-24		



Remaining Work
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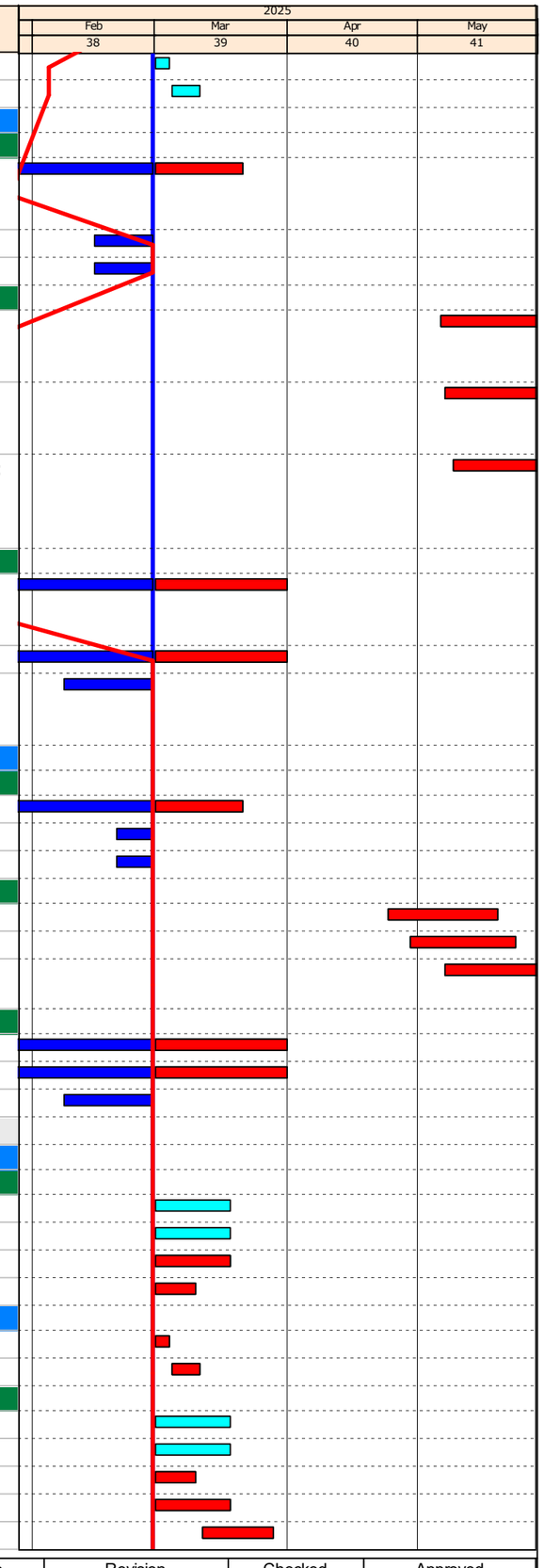
28-Feb-25	Rev. 0	MY	

Activity ID	Activity Name	Original Duration	Early Start	Early Finish	Late Start	Late Finish	Actual Start	Actual Finish	Predecessor Details
SW2900	Inspect Civil Provisions & Submit Inspection Report	3	01-Mar-25	04-Mar-25	11-Jan-28	13-Jan-28			AC1070a: SS
SW2910	Rectify Civil Provision Defects by Others	6	05-Mar-25	11-Mar-25	14-Jan-28	20-Jan-28			SW2900: FS
East Bound		96	01-Mar-25	07-Jun-25	11-Sep-24	22-Mar-25	26-Dec-24		
CP Side		54	01-Mar-25	21-Mar-25	20-Sep-24	12-Oct-24	26-Dec-24		
SW2510	Install Cable Containment - CP16 to CP21	28	01-Mar-25	21-Mar-25	20-Sep-24	12-Oct-24	26-Dec-24		SC2480: FF, EM1620: FF, DS6404: FS, DS6540: FS, SW2910: FS, AC1070a: SS
SW424	Install TCSS Cabinet - CP16 to CP21	22					15-Feb-25	28-Feb-25	SW2510: FS 14, AC1070d: SS
SW425	Install IDF - CP16 to CP21	22					15-Feb-25	28-Feb-25	SW4240: SS, AC1070d: SS
OHVD		28	06-May-25	07-Jun-25	18-Dec-24	06-Mar-25			
SW2550	Install CCTV Camera - CP16 to CP21	25	06-May-25	04-Jun-25	23-Jan-25	06-Mar-25			SC1470: FF, DS4090: FS, DS6440: FS, AC1070b: SS, SW2430: FS
SW2580	Install Detection Camera - CP16 to CP21	25	07-May-25	05-Jun-25	18-Dec-24	17-Jan-25			SC2120: FF, DS6440: FS, DS7500: FS, EM1530: FS, AC1070b: SS, SW2450: FS
SW2540	Install Traffic Control Devices - CP16 to CP21	25	09-May-25	07-Jun-25	11-Jan-25	22-Feb-25			SW2510: FS, SC1210: FF, DS2810: FS, EM1650: FS, DS8250: FS, AC1070b: SS, SW2460: FS
Service Gallery		59	01-Mar-25	31-Mar-25	11-Sep-24	22-Mar-25	08-Jan-25		
SW2530	Install PA in Service Gallery - CP16 to CP21	17	01-Mar-25	31-Mar-25	21-Feb-25	22-Mar-25	08-Jan-25		SC1860: FF, DS4240: FS, DS6480: FS, DS6120: FS, AC1070e: SS
SW259	Install ET in Service Gallery - CP16 to CP21	17	01-Mar-25	31-Mar-25	11-Sep-24	14-Oct-24	08-Jan-25		AC1070e: SS
SW2560	Install IDF in Service Gallery - CP16 to CP21	22					08-Feb-25	28-Feb-25	SC1590: FF, DS4140: FS, DS6040: FS, DS6480: FS, AC1070e: SS, SW2440: FS
West Bound		89	01-Mar-25	29-May-25	20-Sep-24	22-Mar-25	26-Dec-24		
CP Side		59	01-Mar-25	21-Mar-25	20-Sep-24	12-Oct-24	26-Dec-24		
SW341	Install Cable Containment - CP16 to CP21	28	01-Mar-25	21-Mar-25	20-Sep-24	12-Oct-24	26-Dec-24		SW2910: FS
SW429	Install TCSS Cabinet - CP16 to CP21	22					20-Feb-25	28-Feb-25	SW3410: FS 7, AC1070d: SS
SW430	Install IDF - CP16 to CP21	22					20-Feb-25	28-Feb-25	SW4290: SS, AC1070d: SS
OHVD		29	24-Apr-25	29-May-25	24-Dec-24	06-Mar-25			
SW343	Install Detection Camera - CP16 to CP21	20	24-Apr-25	19-May-25	24-Dec-24	17-Jan-25			AC1070b: SS, SW3320: FS
SW342	Install CCTV Camera - CP16 to CP21	20	29-Apr-25	23-May-25	12-Feb-25	06-Mar-25			AC1070b: SS, SW3310: FS
SW3480	Install Traffic Control Devices - CP16 to CP21	20	07-May-25	29-May-25	17-Jan-25	22-Feb-25			SW3410: FS, AC1070b: SS, SW3370: FS
Service Gallery		59	01-Mar-25	31-Mar-25	24-Jan-25	22-Mar-25	08-Jan-25		
SW345	Install PA in Service Gallery - CP16 to CP21	17	01-Mar-25	31-Mar-25	21-Feb-25	22-Mar-25	08-Jan-25		AC1070h: SS
SW347	Install ET in Service Gallery - CP16 to CP21	17	01-Mar-25	31-Mar-25	24-Jan-25	08-Mar-25	08-Jan-25		AC1070h: SS
SW346	Install IDF in Service Gallery - CP16 to CP21	22					08-Feb-25	28-Feb-25	AC1070h: SS, SW3350: FS
Tunnel Section - CP21 to CP26		47	01-Mar-25	25-Apr-25	26-Aug-24	07-Apr-25			
East Bound		15	01-Mar-25	18-Mar-25	20-Feb-25	07-Apr-25			
East Bound - Tunnel Section - CP21 to CP24		15	01-Mar-25	18-Mar-25	20-Feb-25	07-Apr-25			
SW398	Install PA in Service Gallery	15	01-Mar-25	18-Mar-25	06-Mar-25	22-Mar-25			AC1080j: SS
SW401	Install PABX in Service Gallery	15	01-Mar-25	18-Mar-25	20-Mar-25	07-Apr-25			AC1080j: SS
SW402	Install Radio System in Service Gallery	15	01-Mar-25	18-Mar-25	20-Feb-25	08-Mar-25			AC1080j: SS
SW404	Install ET (Service Gallery)	8	01-Mar-25	10-Mar-25	28-Feb-25	08-Mar-25			AC1080j: SS
West Bound		47	01-Mar-25	25-Apr-25	26-Aug-24	07-Apr-25			
SW3620	Inspect Civil Provisions & Submit Inspection Report	3	01-Mar-25	04-Mar-25	26-Aug-24	28-Aug-24			AC1080c: SS
SW3630	Rectify Civil Provision Defects by Others	6	05-Mar-25	11-Mar-25	29-Aug-24	04-Sep-24			SW3620: FS
West Bound - Tunnel Section - CP21 to CP24		47	01-Mar-25	25-Apr-25	05-Sep-24	07-Apr-25			
SW354	Install PA in Service Gallery	15	01-Mar-25	18-Mar-25	06-Mar-25	22-Mar-25			AC1080e: SS
SW355	Install PABX in Service Gallery	15	01-Mar-25	18-Mar-25	20-Mar-25	07-Apr-25			AC1080e: SS
SW356	Install ET (Service Gallery)	8	01-Mar-25	10-Mar-25	28-Feb-25	08-Mar-25			AC1080e: SS
SW358	Install Radio System in Service Gallery	15	01-Mar-25	18-Mar-25	20-Feb-25	08-Mar-25			AC1080e: SS
SW350	Install Cable Containment (CP Side)	15	12-Mar-25	28-Mar-25	05-Sep-24	23-Sep-24			SW3630: FS



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Activity ID	Activity Name	Original Duration	Early Start	Early Finish	Late Start	Late Finish	Actual Start	Actual Finish	Predecessor Details
SW350	Install Cable Containment (NCP Side)	15	29-Mar-25	16-Apr-25	24-Sep-24	12-Oct-24			SW3500: FS
SW351	Install CCTV Camera	11	29-Mar-25	11-Apr-25	16-Oct-24	28-Oct-24			SW3500: FS
SW352	Install Detection Camera	11	29-Mar-25	11-Apr-25	16-Oct-24	28-Oct-24			SW3500: FS
SW359	Install SEC Camera	11	29-Mar-25	11-Apr-25	11-Mar-25	22-Mar-25			SW3500: FS
SW353	Install VSLS (CP Side)	11	31-Mar-25	12-Apr-25	25-Jan-25	10-Feb-25			SW3500: SS 12, AC1080h: SS
SW357	Install Traffic Control Devices	11	02-Apr-25	15-Apr-25	16-Oct-24	28-Oct-24			SW3500: SS 18, SW3500: FS
SW353	Install VSLS (NCP Side)	11	14-Apr-25	25-Apr-25	11-Feb-25	22-Feb-25			SW3530: FS, AC1080h: SS
West Bound - Tunnel Section - CP24 to CP26		9	01-Mar-25	11-Mar-25	27-Feb-25	07-Apr-25			
SW368	Install PA in Service Gallery	9	01-Mar-25	11-Mar-25	13-Mar-25	22-Mar-25			AC1080g: SS
SW369	Install PABX in Service Gallery	9	01-Mar-25	11-Mar-25	27-Mar-25	07-Apr-25			AC1080g: SS
SW370	Install ET (Service Gallery)	4	01-Mar-25	05-Mar-25	05-Mar-25	08-Mar-25			AC1080g: SS
SW372	Install Radio System in Service Gallery	9	01-Mar-25	11-Mar-25	27-Feb-25	08-Mar-25			AC1080g: SS
Tunnel Section - CP26 to CP32		26	02-May-25	03-Jun-25	17-Sep-24	22-Mar-25			
East Bound		26	02-May-25	03-Jun-25	07-Feb-25	08-Mar-25			
East Bound - Tunnel Section - CP29 to CP32 (CKL Main Tunnel)		26	02-May-25	03-Jun-25	07-Feb-25	08-Mar-25			
SW2740	Install PA in Service Gallery	10	02-May-25	14-May-25	07-Feb-25	18-Feb-25			SC1860: FF, DS4240: FS, DS6480: FS, DS6120: FS, AC1090f: SS
SW282	Install ET (Service Gallery)	6	02-May-25	09-May-25	03-Mar-25	08-Mar-25			AC1090f: SS
SW2770	Install PABX in Service Gallery	11	14-May-25	26-May-25	18-Feb-25	01-Mar-25			SW2740a: SS 9, SC1590: FF, DS4140: FS, DS6040: FS, DS6480: FS, AC1090f: SS
SW2800	Install Radio System in Service Gallery	11	21-May-25	03-Jun-25	25-Feb-25	08-Mar-25			SW2770a: SS 6, SC1990: FF, DS4390: FS, DS6160: FS, DS6520: FS, AC1090f: SS
West Bound		26	02-May-25	03-Jun-25	17-Sep-24	22-Mar-25			
West Bound - Tunnel Section - CP30 to CP32 (CKL Main Tunnel)		26	02-May-25	03-Jun-25	17-Sep-24	22-Mar-25			
SW376	Install Cable Containment (CP Side)	10	02-May-25	14-May-25	17-Sep-24	28-Sep-24			AC1090g: SS
SW380	Install PA in Service Gallery	8	02-May-25	12-May-25	07-Feb-25	15-Feb-25			AC1090h: SS
SW382	Install ET (Service Gallery)	5	02-May-25	08-May-25	04-Mar-25	08-Mar-25			AC1090h: SS
SW381	Install PABX in Service Gallery	9	13-May-25	22-May-25	17-Feb-25	26-Feb-25			AC1090h: SS, SW3800a: FS
SW376	Install Cable Containment (NCP Side)	10	15-May-25	26-May-25	30-Sep-24	12-Oct-24			SW3760b: FS
SW377	Install CCTV Camera	8	15-May-25	23-May-25	05-Nov-24	13-Nov-24			SW3760b: FS
SW378	Install Detection Camera	8	15-May-25	23-May-25	05-Nov-24	13-Nov-24			SW3760b: FS
SW379	Install VSLS (CP Side)	6	15-May-25	21-May-25	10-Feb-25	15-Feb-25			SW3760b: FS
SW382	Install ET (Road Level)	5	15-May-25	20-May-25	04-Mar-25	08-Mar-25			SW3760b: FS
SW383	Install Traffic Control Devices	8	15-May-25	23-May-25	05-Nov-24	13-Nov-24			SW3760b: FS, SW3760b: FF
SW385	Install SEC Camera	8	15-May-25	23-May-25	14-Mar-25	22-Mar-25			SW3760b: FS
SW388	Install PVMS	5	15-May-25	20-May-25	18-Feb-25	22-Feb-25			SW3760b: FS
SW379	Install VSLS (NCP Side)	6	22-May-25	28-May-25	17-Feb-25	22-Feb-25			SW3790b: FS
SW384	Install Radio System in Service Gallery	9	23-May-25	03-Jun-25	27-Feb-25	08-Mar-25			AC1090h: SS, SW3810a: FS
SW3870	Signal Cable Laying and Termination (CP30 to CP32) (CP Side)	5	24-May-25	29-May-25	14-Nov-24	19-Nov-24			SW3760b: FS, SW3770a: FS, SW3780a: FS, SW3830a: FS
West Ventilation Building		338	01-Mar-25	17-Jun-25	13-Sep-24	20-Jan-28	01-Apr-24		
Installation Works		338	01-Mar-25	17-Jun-25	13-Sep-24	20-Jan-28	01-Apr-24		
SW1650	Install Cable Containments	24	01-Mar-25	05-Mar-25	13-Sep-24	17-Sep-24	01-Apr-24		SC2480: FF, DS6400: FS, DS6540: FS
SW1710	Install LCX Bracket	21	22-Mar-25	16-Apr-25	14-Dec-24	09-Jan-25			SW4340: FS, DS3250: FS
SW1690	Install PABX Equipment	36	15-Apr-25	02-Jun-25	30-Oct-24	10-Dec-24			SW1650: FS 33, SC1590: FF, DS4140: FS, DS6040: FS 2, DS6480: FS
SW1720	Install PA Equipment	27	15-Apr-25	21-May-25	20-Feb-25	22-Mar-25			SC1860: FF, DS4240: FS, DS6480: FS, DS6120: FS, SW1690: SS
SW1730	Install ET Equipment	12	15-Apr-25	02-May-25	30-Oct-24	12-Nov-24			SC1720: FF, DS4190: FS, DS6080: FS, DS6480: FS, SW1690: SS

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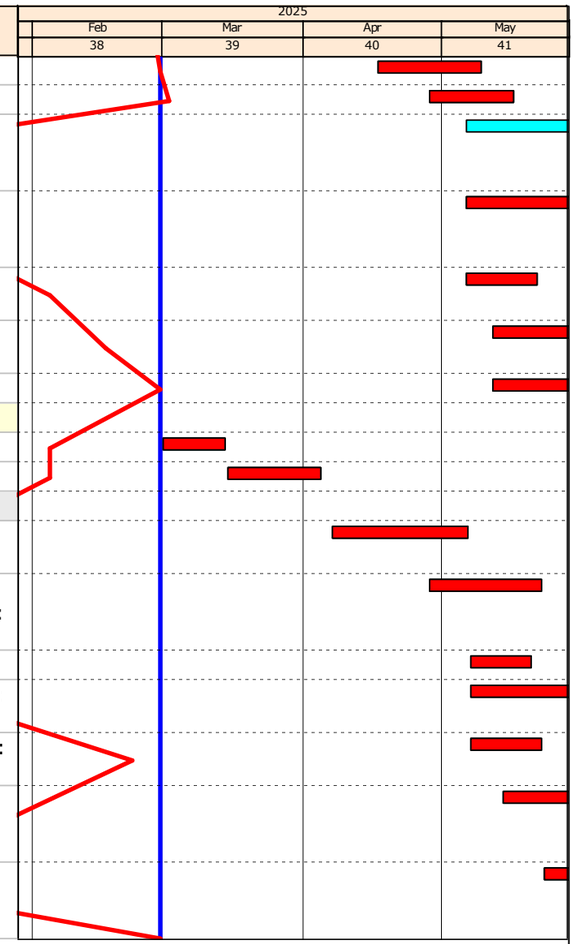
Activity ID	Activity Name	Original Duration	Early Start	Early Finish	Late Start	Late Finish	Actual Start	Actual Finish	Predecessor Details
SW1710	Install LCX Cable	18	17-Apr-25	09-May-25	10-Jan-25	03-Feb-25			SW1710a: FS
SW1740	Signal Cable Laying	15	28-Apr-25	16-May-25	08-Nov-24	25-Nov-24			SW1730: SS 8
SW1670	Install Network Equipment	36	06-May-25	17-Jun-25	08-Dec-27	20-Jan-28			SW1660: FS, SC1330: FF, DS4340: FS, DS4440: FS, SW1700: SS
SW1680	Install Manual Fallback Control Equipment	24	06-May-25	03-Jun-25	29-Oct-24	25-Nov-24			EM1110: FS, SC2240: FF, DS6240: FS, DS7370: FS, DS8310: FS, SW1700: SS
SW1700	Install Operation Facilities Equipment	14	06-May-25	21-May-25	29-Oct-24	13-Nov-24			EM1120: FS, SC2680: FF, DS6280: FS
SW1710	Install RAD Equipment & Coupler	28	12-May-25	13-Jun-25	05-Feb-25	08-Mar-25			SC1990: FF, DS4390: FS, DS6520: FS, SW1710b: FS 1
SW1710c	RAD Connection & SCT	28	12-May-25	13-Jun-25	02-Apr-25	07-May-25			SW1710: SS
East Ventilation Building		90	01-Mar-25	18-Jun-25	20-Jul-24	07-Nov-24			
SW2960	Inspect Civil Provisions & Submit Inspection Report	12	01-Mar-25	14-Mar-25	20-Jul-24	02-Aug-24			AC1010: SS, KD1010: FS
SW2970	Rectify Civil Provision Defects by Others	18	15-Mar-25	04-Apr-25	03-Aug-24	23-Aug-24			SW2960: FS
Installation Works		60	07-Apr-25	18-Jun-25	24-Aug-24	07-Nov-24			
SW1750	Install Cable Containments	24	07-Apr-25	06-May-25	24-Aug-24	21-Sep-24			SC2480: FF, DS6400: FS, DS6540: FS, SW2970: FS
SW1790	Install PABX Equipment	20	28-Apr-25	22-May-25	14-Sep-24	09-Oct-24			SW1750: SS 18, SC1590: FF, DS4140: FS, DS6040: FS, DS6480: FS
SW1760	Position Equipment Rack	12	07-May-25	20-May-25	25-Sep-24	09-Oct-24			SW1750: FS
SW1770	Install Network Equipment	36	07-May-25	18-Jun-25	25-Sep-24	07-Nov-24			SW1760: SS, SC1330: FF, DS4340: FS, DS4440: FS
SW1800	Install Operation Facilities Equipment	14	07-May-25	22-May-25	23-Oct-24	07-Nov-24			SW1770: SS, EM1120: FS, SC2680: FF, DS6280: FS
SW1780	Install Manual Fallback Control Equipment	24	14-May-25	11-Jun-25	10-Oct-24	07-Nov-24			SW1770: SS 6, EM1110: FS, SC2240: FF, DS6240: FS, DS7370: FS, DS8310: FS
SW1810	Install Radio Equipment	12	23-May-25	06-Jun-25	10-Oct-24	24-Oct-24			SW1790: FS, SC1990: FF, DS4390: FS, DS6160: FS, DS6520: FS



Remaining Work
Actual Work
Critical Activity
Milestone

Date	Revision	Checked	Approved
28-Feb-25	Rev. 0	MY	